KIMOTO

Kimosetter 410

User's Guide

Win For Windows®

Mac For Macintosh™

Adobe® PostScript® 3™

For US Customers:

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RADIO & TELEVISION INTERFERENCE

UNITED STATES. The equipment described in this guide generates and uses radio frequency energy. If it is not installed and used in accordance with the instructions in this guide, it may cause interference with radio and television reception.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

If necessary, you should consult your dealer or experienced radio/television technician for additional suggestions. You may find helpful the following booklet, prepared by the Federal Communications Commission: *How to Identify and Resolve Radio-TV Interference Problems.*

This booklet is available from the United States Government Printing Office, Washington, D.C. 20402. The booklet number is 004-000-00345-4.

Note:Changes or Modifications not expressly approved by the party responsible for compliance could void the user's right to operate this equipment.

Peripherals used in conjunction with this equipment must be connected via shielded interface cables. Use of unshielded interface cables may result in interference to radio and TV reception, and may void the user's right to operate this equipment.

Declaration of Conformity

Model Number:	Kimosetter 410
Trade Name:	KIMOTO
Responsible party:	Kimoto Tech, Inc.
Address:	601 Canal St., Cedartown, Georgia 30125, USA
Telephone number:	(770) 748-2643

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT SAFETY INSTRUCTIONS

1. Read all of these instructions and save them for later reference.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water.
5. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the product.
6. Slots and openings on the cabinet and the back or bottom are provided for ventilation. To ensure reliable operation of the product and to protect it from overheating, do not block or cover these openings. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. This product should be operated from the type of power source indicated on the marking label of the AC adaptor. If you are not sure of the type of power available, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be walked on.
9. If an extension cord is used with this product, make sure that the total of the ampere ratings on the products plugged into the extension cord do not exceed the extension cord ampere rating. Also, make sure that the total of all products plugged into the wall outlet does not exceed 15 amperes.
10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
11. Except as explained elsewhere in this guide, don't attempt to service this product yourself. Opening and removing those covers that are marked "Do Not Remove" may expose you to dangerous voltage points or other risks. Refer all servicing on those compartments to service personnel.
12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

    A. When the power cord or plug is damaged or frayed.

    B. If liquid has been spilled into the product.

    C. If the product has been exposed to rain or water.

    D. If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

    E. If the product has been dropped or the cabinet has been damaged.

    F. If the product exhibits a distinct change in performance, indicating a need for service.

About This Manual

This manual is your introduction to the Kimosetter 410, a Kimoto CTP printer. Use the manual now to set up and begin working with your printer. Use it later as a reference for everyday routines and as a guide for maintenance and trouble-shooting.

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For your convenience, this manual is categorized into three groups, each indicated by the tab along the right edge on the pages on the right-hand side.

For Win & Mac:	Information applicable both to the Windows and the Macintosh systems.
For Windows:	Information applicable to the Windows 2000/XP systems.
For Macintosh:	Information applicable to the Macintosh system.

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Chapter 1

Major Functions and Operations

Learn the Major Functions and Operations of Your Printer

This chapter describes how to set up your printer, the name of each part of your printer and how it functions, how to insert the cartridges and media. Read this chapter before you use the printer for the first time to learn how to set it up.

Getting Your Printer Ready

Set up your printer by performing the following steps:

- Getting your printer ready.
  Remove the packing materials.
- Connecting cables.
  Connect the printer to your computer with a printer cable and to a suitable AC power source with the power cord.

Getting Your Printer Ready

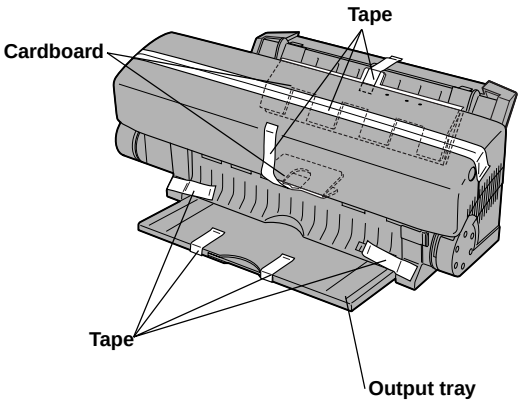
Get your printer ready by removing the packing materials from inside and outside the printer.

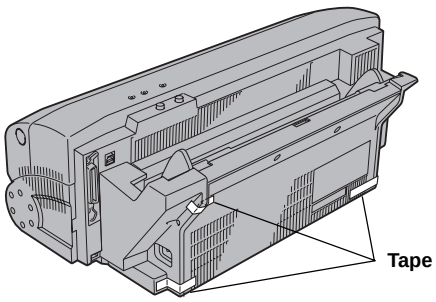
Caution

This printer is shipped with tape, spacers, and other packing materials to prevent delicate parts from being damaged while in transit. Remove these packing materials before using the printer. If the printer is used while these packing materials are still present, damage to the printer or malfunction may occur.

Removing the outside packing materials

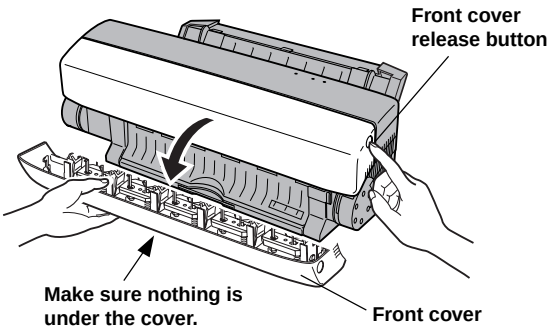
The printer is shipped with packing materials to prevent damage during transit. Remove the tape (seven locations in front, three locations in rear) and cardboard (two locations in front) from the printer before using. Remove the tape from the output tray, after pulling out the tray by grabbing the tip.





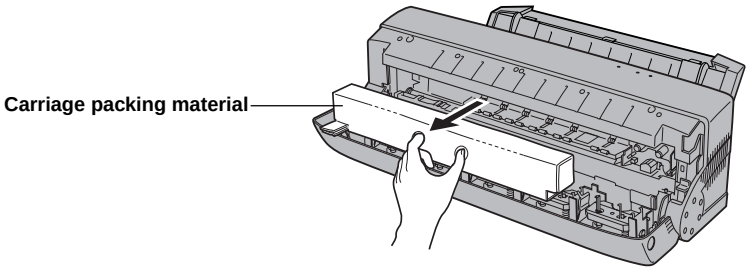
Opening the front cover

Open the front cover to remove the inside packing material.
To open the front cover, push the front cover release button to release the internal lock. Gently lower the front cover with your hand.



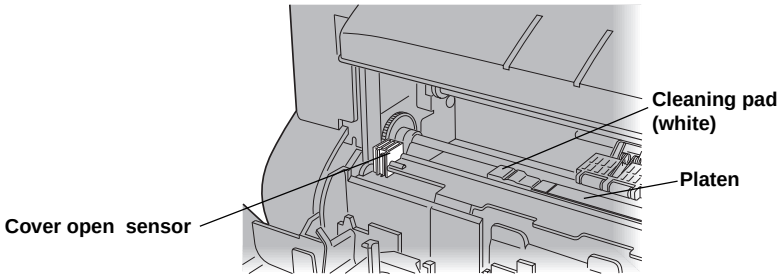
Removing the carriage packing material

Remove the carriage packing material from inside the printer.
Using the printer without removing the packing materials may damage the printer.



Caution

Do not remove the cleaning pad at the left end of the platen. They are there to clean the print head. Removing them can cause the printer to malfunction. Do not touch the cover open sensor, which is located inside the printer on the left end.



Closing the front cover

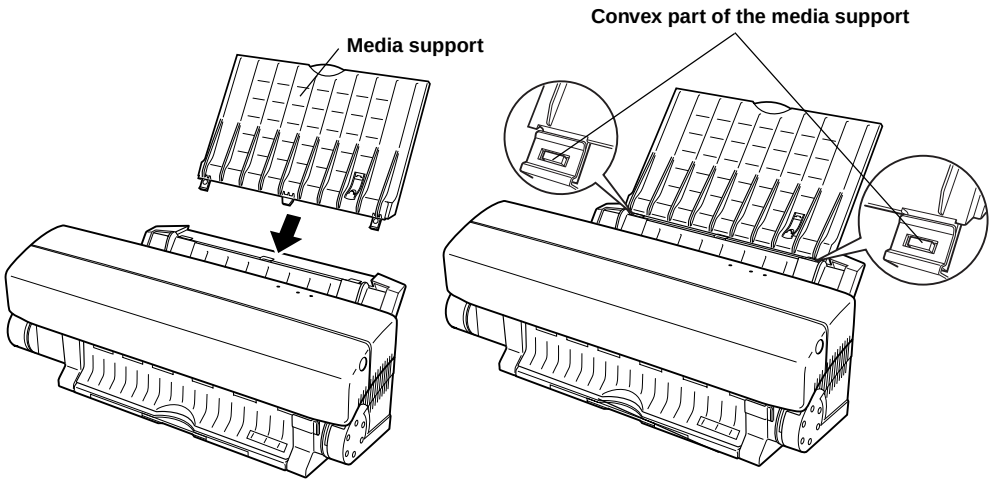
Close the front cover after removing the carriage packing material.

Caution

When closing the front cover, never slam it shut. The ink cartridges can become dislodged and damage to the printer may result.

Fitting the media support

Fit the media support so that the media inserted in the printer does not bend backwards. When fitting the media support, please make sure that the convex part of the media support fits into the hollow section of the printer as shown in the drawing.



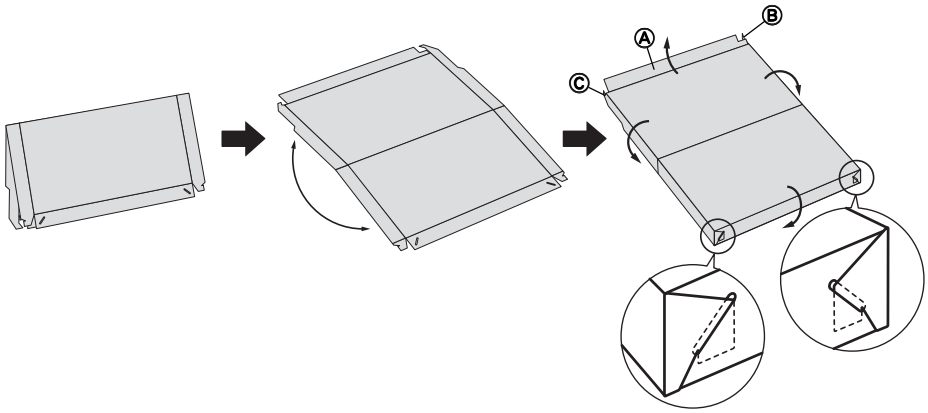
Fitting the dust cover

The dust cover is used when the printer is not used or is printing. The dust cover prevents the media inserted in the printer, as well as the inside of the printer, from getting dusty. Dust can cause not only poor printing quaity but also various other problems.

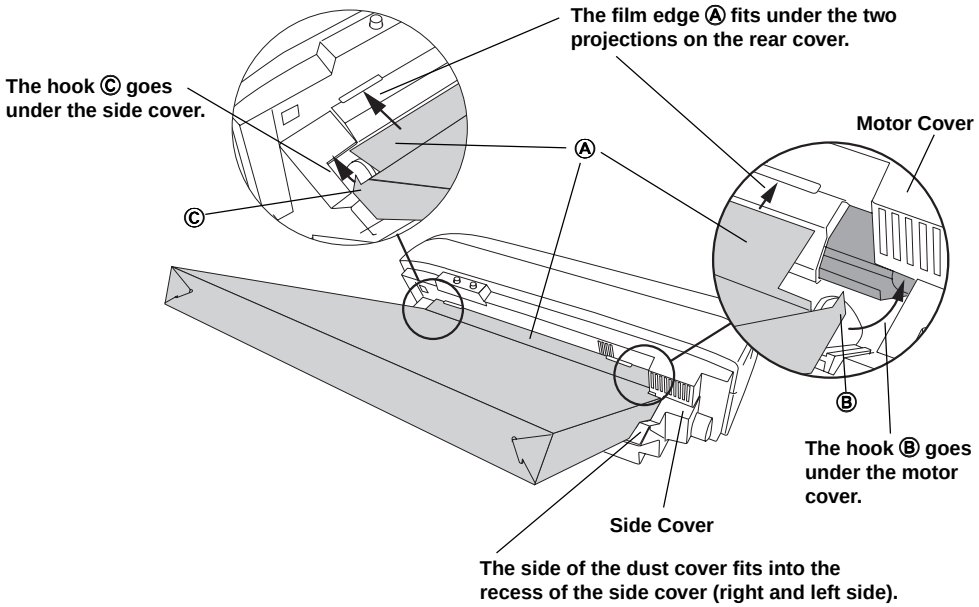
1. Assembling the dust cover

The dust cover is supplied as a piece of plastic sheet, which should be folded as illustrated below.

The surface that has embossed lines is the upper side.



2. Fitting the dust cover


The film edge Ⓐ fits under the two projections on the rear cover.
The hook Ⓒ goes under the side cover.
Motor Cover
Ⓐ
Ⓒ
Ⓑ
The hook Ⓑ goes under the motor cover.
Side Cover
The side of the dust cover fits into the recess of the side cover (right and left side).

Locating the printer

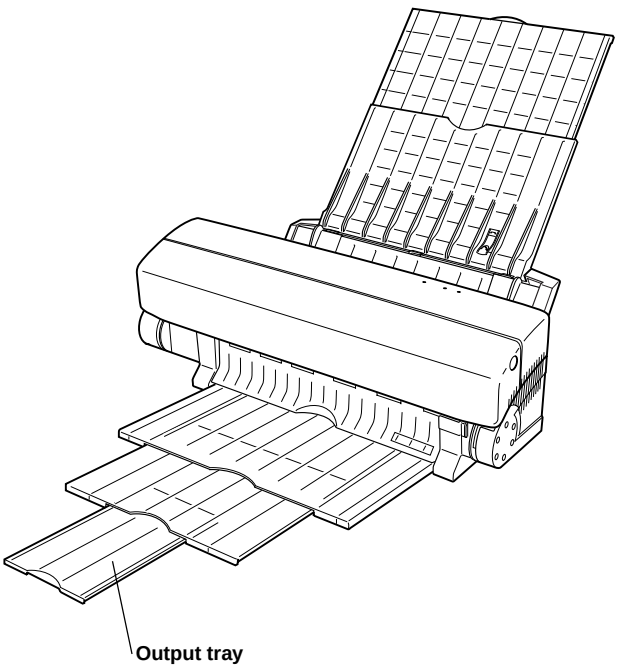
After removing the packing material from the outside and inside of the printer and reading the section “IMPORTANT SAFETY INSTRUCTIONS”, position the printer in an appropriate location. Ensure there is enough space to use your printer easily.

Using the output tray

1. Pull out the output tray for printing operations. Grab the tip of the tray, and gently pull out the tray to the full. Between the printing operations, you may retract the tray by gently pushing back the tip.

Caution

Do not allow the output tray hang over the edge of a table or to protrude from the location of the printer in any way.



Connecting USB Cables

When your printer is properly set up, connect the printer to your computer with a USB cable and to a suitable AC power source with the power cord.

- **Connect the printer to your computer.**
- **Connect a power cord to the printer.**

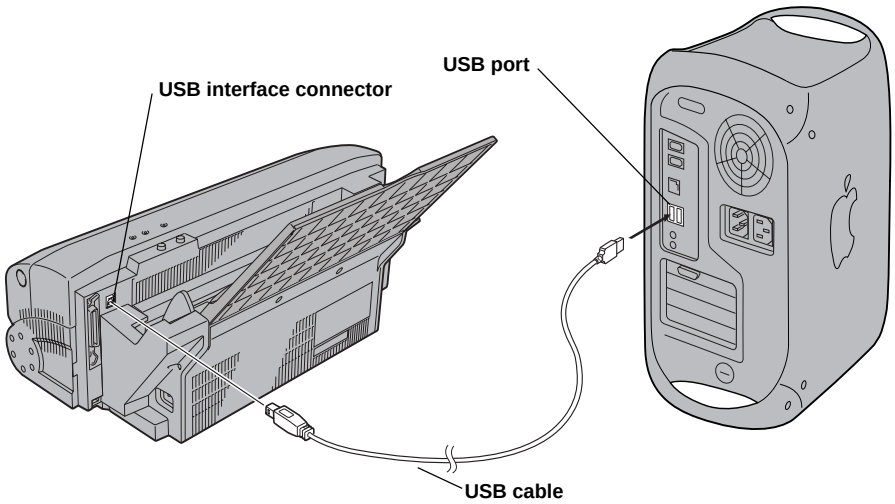
Connecting the printer to your computer

1. Make sure that the power to your computer is completely turned off. If the computer is running, quit all running applications, shut down the system, and turn off the power.

Caution

Power to the printer and computer must be completely disconnected before connecting or disconnecting the printer cable. (They must be unplugged.) Otherwise damage or malfunction may result.

2. Connect the printer to the computer with a USB cable. Secure USB cable to the USB interface connector on the printer and the USB port on the computer.



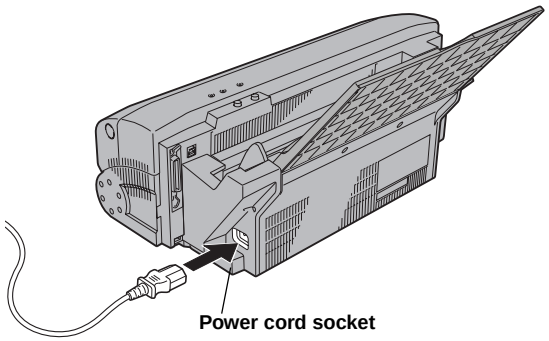
Caution

Using an extension cord can affect the print results.

Power cord connections

1. **Plug the power cord into the power cord socket on the printer. Make sure that the power cord is securely seated in the socket.**

2. **Plug the free end of the power cord into a suitable AC power source (such as a wall socket).**



Caution

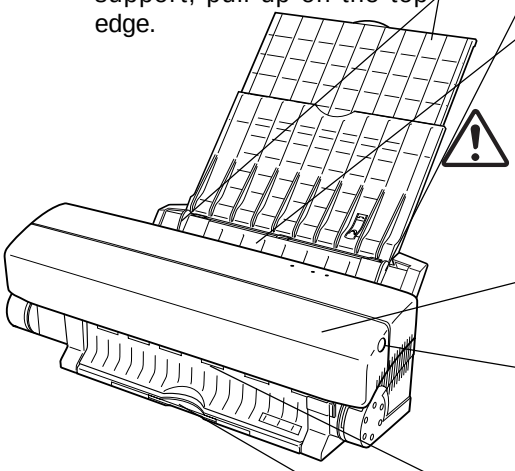
- **When plugging the power cord into the printer, make sure you push in the plug all the way, going beyond the halfway point where the plug comes to a soft stop.**
- **Power to the printer is completely cut off only when the cord is unplugged. Place the printer where you can easily unplug it from the wall socket. Also, pull the plug and not the cord when unplugging the printer.**

Name and Function of Each Part of the Printer

This section explains the name and function of each part of the printer.

Printer (Front View)

Media support
The media support provides support to hold loaded media upright. To extend the media support, pull up on the top edge.



Feed guide
This guide feeds the media into the printer.
Set the guide to match the media size being used

Sheet feeder
Media is fed automatically. Load with no more than 10 sheets.

Caution

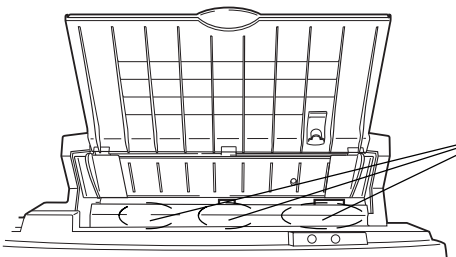
Never reach into the sheet feeder except for cleaning purposes. Doing so can cause injury. Inserting a foreign object into the sheet feeder can cause the printer to malfunction.

Front cover
This cover protects the internal mechanisms of the printer. This cover is closed during printing.

Front cover release button
Opens the front cover. The front cover is opened when there is a paper jam or when changing ink cartridges. Open the front cover gently, using both hands.

Output slot
Media exits the printer through this slot.

Output tray
During printing, extend the output tray. Pull out the output tray for printing operations. Grab the tip of the tray, and gently pull out the tray to the full. Between the printing operations, you may retract the tray by gently pushing back the tip.

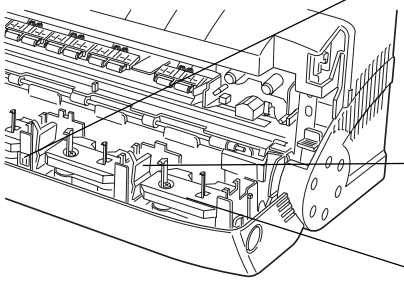


Transport rollers
The transport rollers for feeding sheets of media from the sheet feeder (5 rollers which are covered by the casing).

Caution

- **Never reach into the printer while it is operating. Injury may result.**
- **Opening the front cover in the middle of a printing operation can cause the media in the printer to be creased, and/or an ink cartridge to get out of place.**

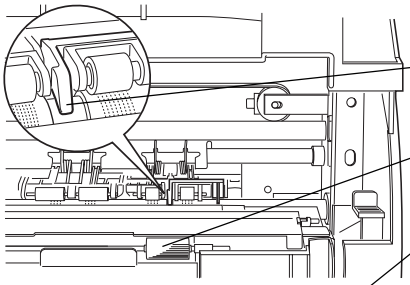
Inside the Printer



Marking sticker(black and silver)
This sticker is used for the cartridge to confirm that the carriage is in the standard position. Try not to smear the face of the sticker. If it gets dirty, gently clean it with a dry cotton swab. As you do so, be careful not to peel it off.

Latch(the blue part)
This latch fixes the ink cartridge into the ink cartridge holder.

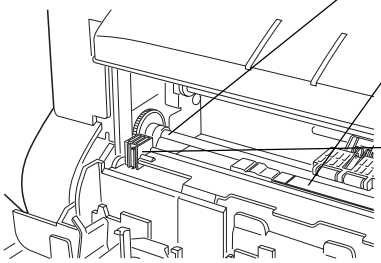
Ink cartridge holder
This tray holds the ink cartridges. The five holders can hold the two ink cartridges each. Maximum of nine ink cartridges is allowed.



PE lever
This lever detects whether or not there is any media left.

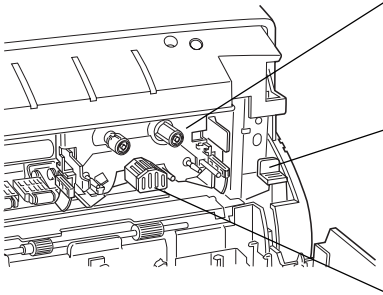
Media eject roller
The media eject roller discharge sheets.

Feed roller (metal roller)
The feed roller feeds loaded sheets.



Platen
This is a rubber plate which is pressed by the inkcartridge head while printing. Dust on the platen may result in poor printing quality.

Cover open sensor
The cover open sensor detects whether or not the front cover is open.



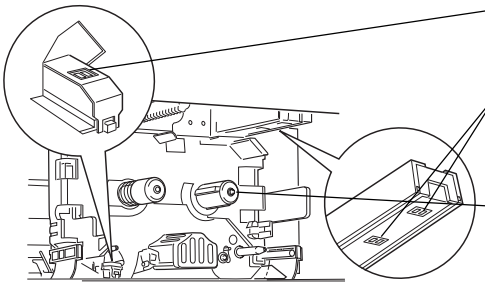
Carriage
The carriage automatically picks up the specific ink cartridge needed for printing and moves it to the printing location. The carriage also contains the print head.

Release lever
This lever, located to the right of the carriage and platen, is used to clear paper jams. Press the release lever down to remove the jammed material. When you close the front cover, the lever will automatically go back to its original position.

Print head
The print head prints the image. Do not touch it.

Caution

Do not touch the print head or the carriage. Doing so can cause damage to the printer. Also, never load an ink cartridge directly into the carriage. Malfunction or damage to the printer may result.



RE sensor(at the Black part)
The RE sensor detects used-up ink cartridges.

HP sensor(two at the Black parts)
The HP sensor detects the type and standard position of an ink cartridge.

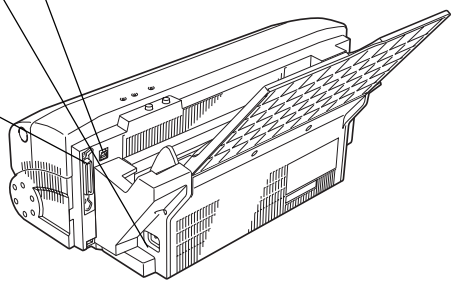
Bobbin axis
Winds the ink cartridge around.

Printer (Rear View)

USB interface connector
The USB cable is connected to the USB interface connector.

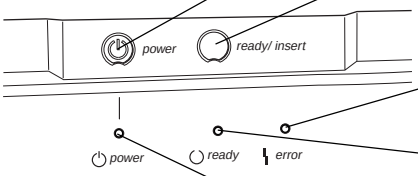
Power cord socket
The power cord connects to the power cord socket.

Parallel interface connector
The connector used for maintenance by the manufacturer. Not for end users.



Control Panel

The top portion of the printer has two buttons and three LED indicator lights. By pushing one of these buttons and looking at the lights, you can perform various printer functions, such as ejecting media. This portion with the buttons and the lights is called the control panel.



***power* button**
Use the *power* button to turn the printer on and off.

***ready / insert* button**
Refer to "ready/insert button Functions" in the chaper4.

***error* light**
This light blinks when a printer error has occurred.

***ready* light**
When the light is lit, the printer is ready to print. The light blinks slowly while printing. When it is not lit, printing is paused.

***power* light**

Indicates whether the printer is on or off.
When the light is on, the printer is on. When the light is off, the internal parts of the printer still have power. To completely shut off power to the printer, unplug the power cord from the socket.

Installing Ink Cartridges

This section describes how to identify ink cartridge types and how to install and exchange cartridges.

Identifying Ink Cartridge and Media Types

Listed below is the ink cartridge type designed for Kimoplate e^2.

Ink for Kimoplate e^2 (Part number: KPE2-INK)

Installing Ink Cartridges

Install ink cartridges by following the steps below.

Note

The carriage can select and pick up the necessary ink cartridge from any holder.

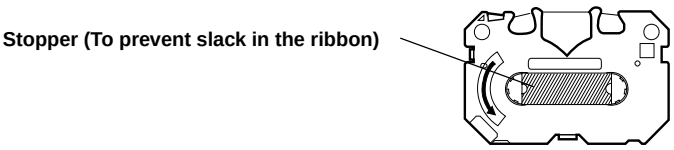
Caution

The ink cartridges may be put in any holder but DO NOT put ink cartridges directly into the carriage. Doing so may result in damage the printer.

Ink Amount Indicator
The Kimosetter 410 automatically checks the remaining amount of the ink in each ink cartridge. The amount is checked each time the power cord of the printer is unplugged and then plugged in, and each time the front cover is opened and then closed. Please note that an ink cartridge with the remaining amount of 20% will be indicated as 0% of ink available, and thus will need to be replaced, after unplugging/plugging in the power cord, or opening/closing the front cover.
For more economic use of the ink cartridges, we recommend to avoid unplugging/plugging in the power cord and opening/closing the front cover as much as possible, until the indicator displays the "Out of ink" message.

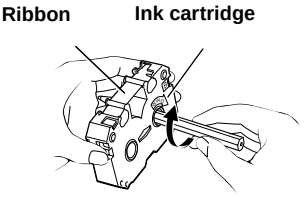
1. Remove the stopper from the ink cartridge.

First, remove the stopper from the ink cartridge.



2. Take up any slack in the ribbon.

Insert a pencil from the side marked "B" (the side with part number). Turn the pencil slowly to take up any slack in the ribbon.

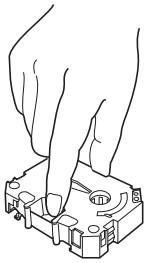


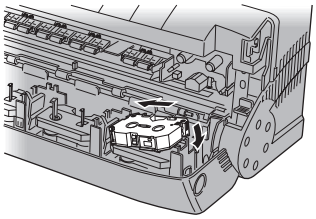
3. Open the front cover.

Push the front cover release button to release the internal lock. Gently lower the front cover with your hand.

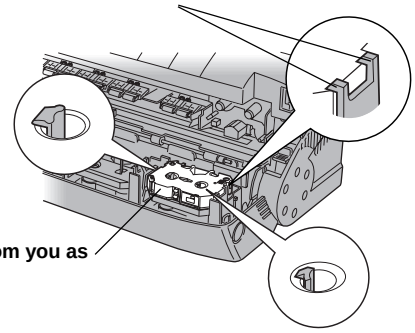
4. Insert the ink cartridges.

- Hold the ink cartridge so that the side with the letter “B” and the part number faces upward, and the “B” is at the upper right of the ink cartridge. Hold the center of the ink cartridge with your thumb and index finger.
- Insert the left end of the ink cartridge, while pushing the left side latch of the ink cartridge holder slightly to the left with the ink cartridge.





- Push down the right side of the ink cartridge.



Make sure that the ink cartridge is securely locked into the holder, and that there is no slack in the ribbon.

Caution

Place the side marked “B” face up. If the ink cartridge is installed upside down, the printer will not know it has been installed.

Exchanging Ink Cartridges

When you want to replace a cartridge whose ribbon has been used up, exchange cartridges by following the steps below.

Note

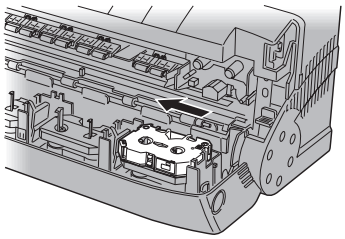
- **When an ink cartridge has been used up, a message will appear on your display monitor, and the *error* light will start blinking.**
- **Remove the used-up ink cartridge from the printer.**

1. Open the front cover

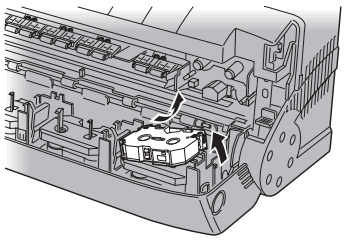
Open the front cover by pushing the front cover release button.

2. Remove the ink cartridge

- Removing a cartridge is similar to installing it. Hold the center of the ink cartridge with your thumb and index finger. Push the left latch on the ink cartridge holder slightly to the left with the cartridge.



- Lift up the right side of the cartridge, and then remove the entire ink cartridge.



3. Install a new ink cartridge on the ink cartridge holder.

Insert an ink cartridge by following the steps described in the previous section of “Installing Ink Cartridges.”

4. Checking ink cartridges for any slack.

Check each installed cartridge for any slack. Take up all the slack by removing the cartridge from the holder.

Caution

Closing the front cover without taking up all the slack can cause damage to the cartridge ribbon.

Loading Media

This section explains how to load media into the printer.

Notes and precautions about media

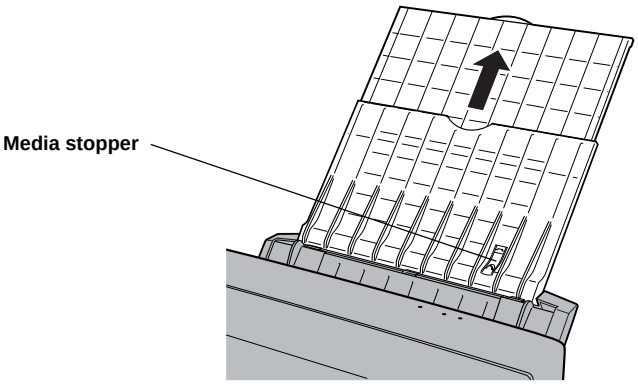
The printer's sheet feeder can feed media to the printer automatically. It holds up to 10 sheets of Kimoplate e^2 at once.

Loading Media in Automatic Feed Mode

Use automatic feed mode to allow continuous printing.

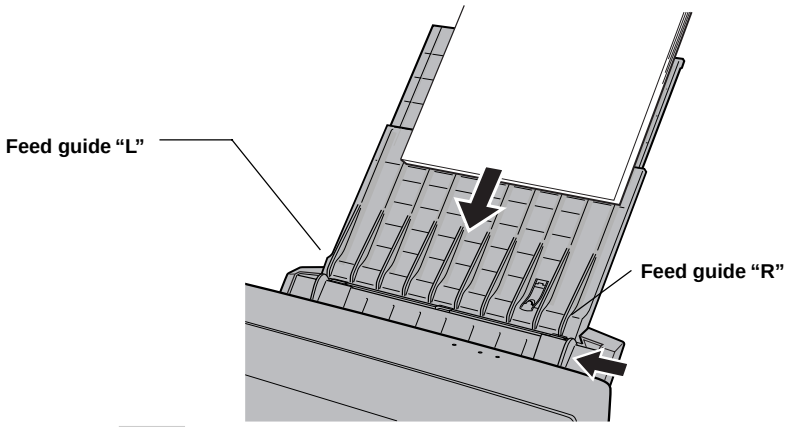
1. Pull up the media support.

Make sure that the media stopper is not lifted.



2-1. (For media up to 340mm wide) Place the media in the sheet feeder.

Feed guide "R" should be at the left-most position. Slide out the Feed guide "L" enough to insert the media along the Feed guide "R". Load the media with the printing side facing up. The printing side is slightly matt surface while the other is shiny.

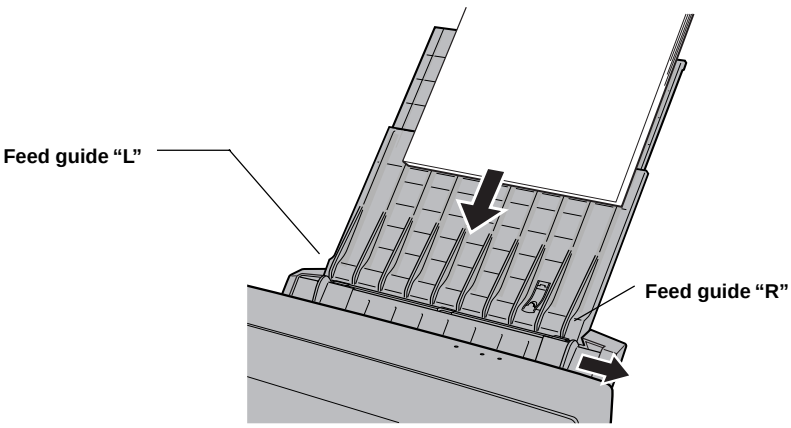


Note

- **Using creased or curled media can cause the media to misfeed.**
- **Fan the media once before placing it in the sheet feeder. The printer may feed two sheets together if the sheets are slightly stuck together.**

2-2. (For media over 340mm wide) Place the media in the sheet feeder.

Feed guide "R" should be at the right-most position. Slide out the Feed guide "L" enough to insert the media along the Feed guide "R". Load the media with the printing side facing up. The printing side is slightly matt surface while the other is shiny.



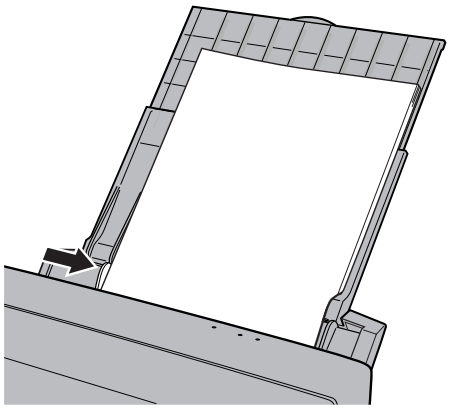
Note

- **Feed Guide "R" can be used only in the fully left or fully right positions. Using the guide in between will not allow the RIP to position the image on the plates accurately.**
- **Avoid using creased or curled media as it can cause jamming or misfeed.**
- **Fan the media once before placing it in the sheet feeder. The printer may feed two sheets together if the sheets are slightly stuck together.**

3. Adjust the Feed guide "L"

Slide the Feed guide "L" until it almost, but not quite, touches the media.

* It implies to allow a space of 1 or 2mm as it may allow the autofeeding system shuffle the plate*



4. Fit the dust cover.

The dust cover prevents the media inserted in the printer, as well as the inside of the printer, from getting dusty.

Turning the Power On or Off

Turn your printer and computer on or off by following the steps described below.

Turning on the Power

Turn on the power by performing the following steps.

1. **Push the *power* button on the printer to turn it on.**
2. **Turn on your computer.**

Turning off the Power

When you finished printing, turn off your printing devices by performing the following steps.

1. **Shut down your computer.**
2. **Push the *power* button on the printer to turn it off.**

Chapter 2

RIP for Windows

This chapter describes how to install the RIP. Read this chapter before you use the printer for the first time to learn how to set it up.

Set Up

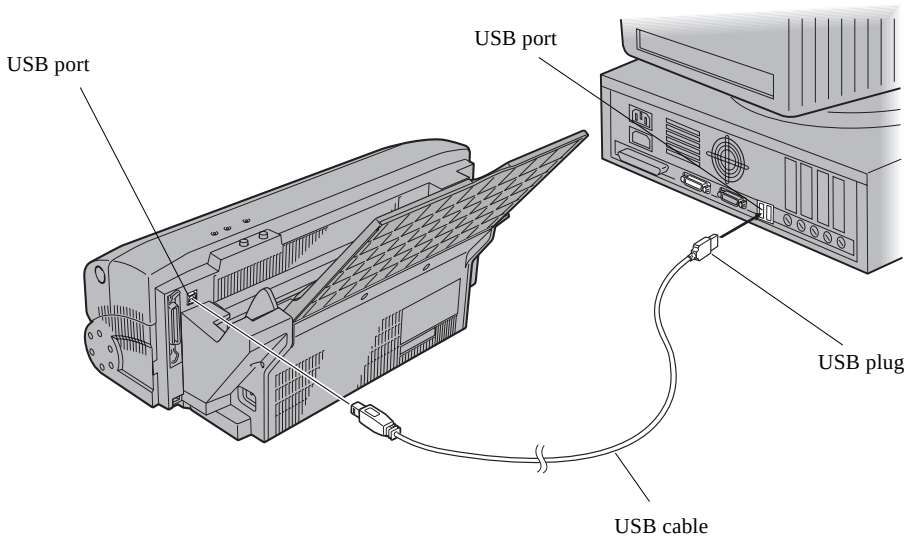
System Requirements

The following system characteristics are required for using the Kimosetter 410 RIP.

	Recommended system
Processor	Pentium II 400MHz or faster
Memory space	256MB or More
Installation space	200MB
Free Disk space	2GB (for data storage)
OS	Windows 2000/XP latest version of each
Monitor Settings	screen resolution 1024 x 768 16-bit color
Peripheral devices	CD-ROM drive
Interface	USB

To connect the Kimosetter 410 to your computer

Connect the Kimosetter 410 to your computer as described in Chapter 1 "Connecting Cables for Windows."



To install the printer driver (Plug & Play function)

For Windows XP

Caution

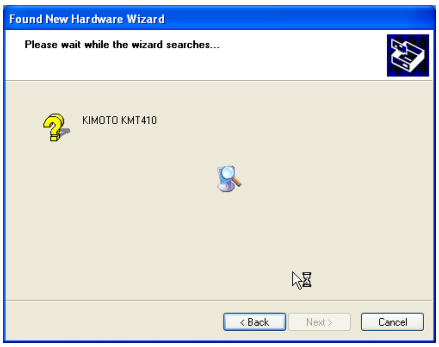
To install the RIP on a PC you must log in as an administrator.

1. Before installation make sure all virus detection programs are deactivated. Then turn on the Kimosetter 410.

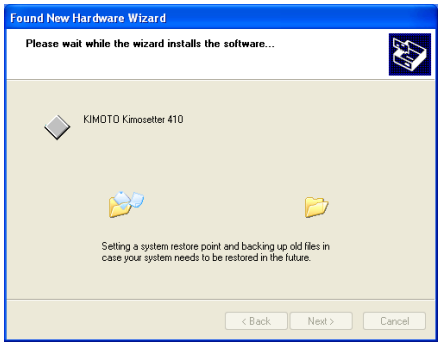
2. The "Found new Hardware Wizard" window appears. Insert the Kimosetter 410 RIP CD. Make sure that the radio button "Install the software automatically (recommended)" is checked. Click "Next".

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
KIMOTO KMT410
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

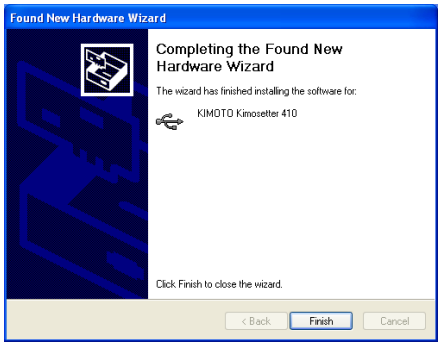
3. The necessaary file (.inf) corresponding to Kimosetter 410 product ID is automatically located in the CD.



4. The appropriate printer driver is installed from the CD showing the following window.


Found New Hardware Wizard
Please wait while the wizard installs the software...
KIMOTO Kimosetter 410
Setting a system restore point and backing up old files in case your system needs to be restored in the future.
< Back
Next >
Cancel

5. When the installation is completed, the following window will appear. Click "finish".



For Windows 2000

Caution

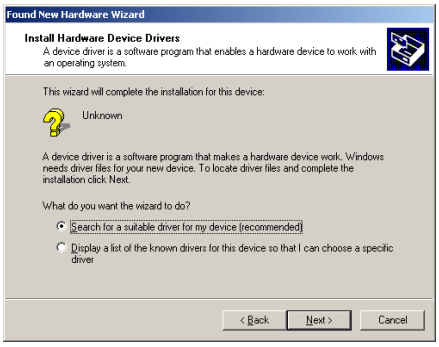
To install the RIP on a PC you must log in as an administrator.

1. Before installation make sure all virus detection programs are deactivated. Then turn on the Kimosetter 410.

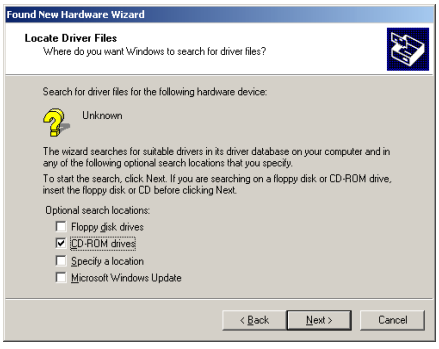
2. The "Found New Hardware Wizard" is displayed. Click the "Next" button.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install a device driver for a hardware device.
To continue, click Next.
< Back
Next >
Cancel

3. The screen below is displayed. Select "Search for a suitable driver for my device (recommended)" and then click the "Next" button.


Found New Hardware Wizard
Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
Unknown
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< Back
Next >
Cancel

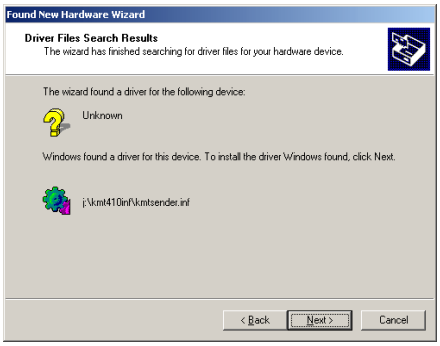
4. Insert the Kimosetter 410 RIP CD into the CD-ROM drive. Select "CD-ROM Drive" and then click the "Next" button.


Found New Hardware Wizard
Locate Driver Files
Where do you want Windows to search for driver files?
Search for driver files for the following hardware device:
Unknown
The wizard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify.
To start the search, click Next. If you are searching on a floppy disk or CD-ROM drive, insert the floppy disk or CD before clicking Next.
Optional search locations:
Floppy disk drives
CD-ROM drives
Specify a location
Microsoft Windows Update
< Back
Next >
Cancel

Caution

When the CD AutoPlay is enabled, the CD Setup screen is displayed. Cancel this screen and return to the above wizard's screen then click the "Next" button.

5. The following screen is displayed, click "Next" button.


Found New Hardware Wizard
Driver Files Search Results
The wizard has finished searching for driver files for your hardware device.
The wizard found a driver for the following device:
Unknown
Windows found a driver for this device. To install the driver Windows found, click Next.
j:\kmt410inf\kmtsender.inf
< Back
Next >
Cancel

6. When the installation of the printer driver is completed the following screen is displayed. Click the "Finish" button.

Found New Hardware Wizard
Completing the Found New Hardware Wizard
KIMOTO Kimosetter 410
Windows has finished installing the software for this device.
To close this wizard, click Finish.
< Back
Finish
Cancel

To install the Kimosetter 410 RIP

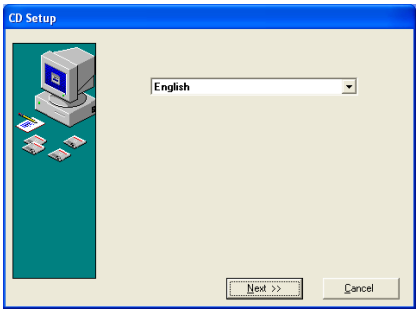
Install the RIP program from the Kimosetter 410 RIP CD.

1. Insert the Kimosetter 410 RIP CD-ROM in your computer. Once the installation of the printer driver is completed, the CD icon is double-clicked and the installer is started.

Caution

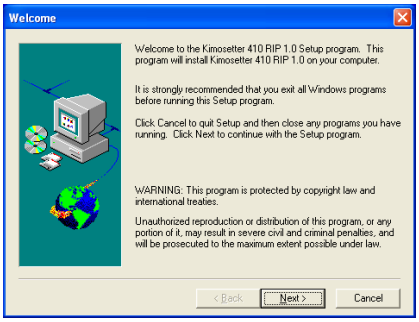
When the CD AutoPlay is enabled, the CD Setup screen is already displayed.

2. Select language.



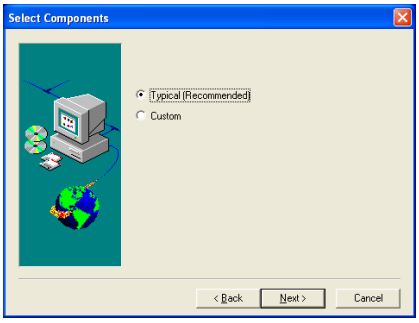
3. Welcome dialog appears.

After reading, click Next to proceed with the installation process.


Welcome
Welcome to the Kimosetter 410 RIP 1.0 Setup program. This program will install Kimosetter 410 RIP 1.0 on your computer.
It is strongly recommended that you exit all Windows programs before running this Setup program.
Click Cancel to quit Setup and then close any programs you have running. Click Next to continue with the Setup program.
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
< Back
Next >
Cancel

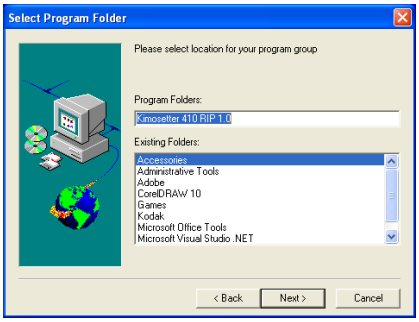
4. Select Components to install.

Select Component dialog appears. Select the default Typical (Recommended) and click Next.



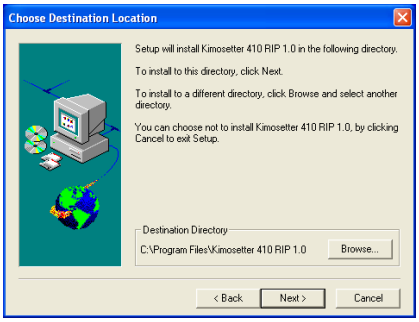
5. Select Program folder.

Select Program Folder dialog appears. Select the program group which the Kimosetter 410 RIP will belong to.



6. Select Location to install.

Choose Destination Location dialog appears. Choose the destination directory. If you want to select a directory other than the default one, click Browse, select a directory then click Next.

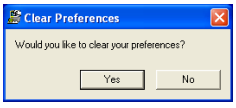

Choose Destination Location
Setup will install Kimosetter 410 RIP 1.0 in the following directory.
To install to this directory, click Next.
To install to a different directory, click Browse and select another directory.
You can choose not to install Kimosetter 410 RIP 1.0, by clicking Cancel to exit Setup.
Destination Directory
C:\Program Files\Kimosetter 410 RIP 1.0
Browse...
< Back
Next >
Cancel

Caution

Please ensure that the drive selected has 2GB or more free space.

7. Clear Preferences.

Clear all of your preferences by clicking Yes.



8. Finish installation.

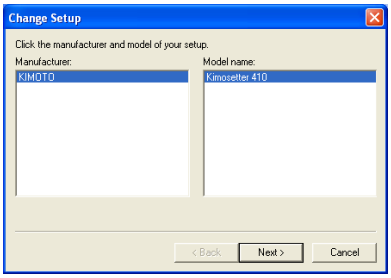
A dialog asks you if you want to restart the computer. Select Yes, I want to restart my computer now and click OK.

Setup Printer

Make sure that the printer is connected to the computer and turned ON.

1. Device Setup.

After the computer restarts, the Change Setup dialog box appears. Choose the Kimosetter 410. Click Next.

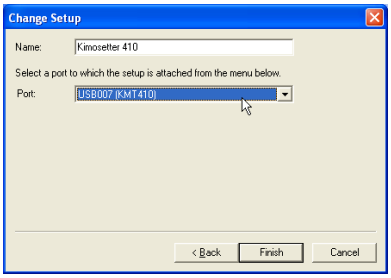


2. Select port.

Select the port that is currently connected to the Kimosetter and click Finish.

When using Kimosetter 410

Select USBxxx(KMT410) (xxx is a USB port ID) in the port field.

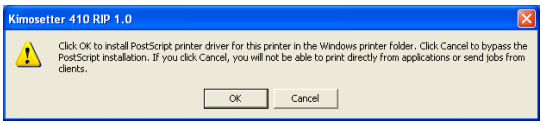


Caution

Use the default printer name in the Name field as it is. If the printer is not connected and turned ON, the Port options will not appear (USBxxx(KMT410)). It is recommended to finish the Change Setup by temporarily selecting any other port name such as FILE. When finished, open the Setup Properties dialog box from the print monitor of the RIP. Click General tab and choose USB port again.

3. Finish setup.

Click OK.


Kimosetter 410 RIP 1.0
Click OK to install PostScript printer driver for this printer in the Windows printer folder. Click Cancel to bypass the PostScript installation. If you click Cancel, you will not be able to print directly from applications or send jobs from clients.
OK
Cancel

The installer will automatically proceed to install the PostScript printer driver.

Before using the Kimosetter

Change setup so that PostScript printer driver may work with Kimosetter410 RIP.

1. Open Printer Folder.

Select Start > Printers and Faxes (Windows 2000:Start > Settings > Printers).

The printer folder will open.

2. Open Properties.

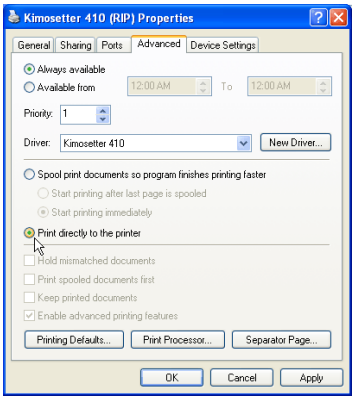
Click the right-button on Kimosetter 410 (RIP) icon and select Properties in the pop-up menu.

3. Open Advanced tab.

Choose Advanced tab in the Kimosetter 410 (RIP) Properties dialog.

4. Setting printer spool.

Check Print directly to the printer. Click OK.



5. Finish setting.

In the Kimosetter 410 (RIP) Properties dialog, click OK.

To uninstall RIP

To uninstall the RIP follow these procedures.

1. **Close the Print Monitor.**

   If the RIP is active, close the Print Monitor. Click the right-button on the Print Moniter icon at the right bottom of the moniter. From pop-up menu, choose Exit.

2. **Delete the printer icon.**

   Select Start > Setup > Printer (Windows 2000 : Start > Settings > Printers) to open Printer folder. Right-button click on the Kimosetter 410 RIP icon and select Delete from pop-up menu.

3. **Open Control Panel.**

   Select Start > Settings > Control Panel.

4. **Double click Add/Remove Programs.**

5. **Delete Kimosetter 410 RIP.**

   Select Kimosetter 410 RIP in the list, click Change/Remove button.

6. **Delete relevant files.**

   Select Hot Folder 3 in the list and click Change/Remove button.

   When finished, click Close.

7. **Remove folder.**

   Remove the folder where the RIP is installed. Its default location is C:\Program Files\Kimosetter 410 RIP.

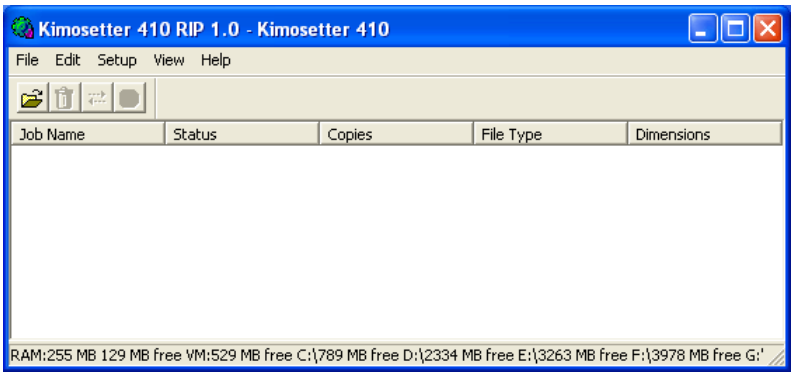
8. **Empty trash.**

Functions of the RIP

How to use the functions of the Kimosetter RIP.

Print Monitor

Double-click the desktop icon of Kimosetter 410 RIP, and the Print Monitor will appear. The Print Monitor tells you the status of jobs to be printed and allows you to change the status.


Kimosetter 410 RIP 1.0 - Kimosetter 410
File Edit Setup View Help
Job Name
Status
Copies
File Type
Dimensions
RAM:255 MB 129 MB free VM:529 MB free C:\789 MB free D:\2334 MB free E:\3263 MB free F:\3978 MB free G:'

Note

Kimosetter 410 RIP program will automatically start when the computer starts up. Double clicking the Kimosetter 410 RIP icon at the right bottom of the monitor will also bring this Print Monitor.

If for some reason you do not want the RIP to start automatically, remove the icon from the startup folder.

Start button > Programs > Startup

Function of each button

Add Job

Click this button to add jobs. Select the file to be added and click Open. The natively supported file formats are JPEG, TIFF, PDF, PostScript, EPS and BMP. The newly added job will be listed on the Print Monitor with the status as Holding. If it is a PostScript file, the printing procedure depends upon the selected option, Print or Hold, in the After spooling option.

To print jobs in the queue, select the job and click Print button. To select more than one jobs in the queue, hold the Shift or Control key down and click those jobs. Then Print.

Note

RIP is an acronym for Raster Image Processor. It creates a dot-by-dot representations from the file to form the final printed output. RIPing requires a rather high performance computer, and the RIPing time depends on the computer and the file size.

Move the cursor over the job and right-click the mouse button. The following menu will appear.

Print: Starts printing the job.

Delete: Deletes the job.

Abort: Stops printing the job.

Delete

The delete button deletes selected jobs. Select a job or jobs you want to delete and click Delete.

Print

The print button starts printing selected jobs. Select a job or jobs you want to print and click Print.

Abort

The Abort button stops printing. Select a job or jobs you want to stop printing and click Abort.

Information display

Print jobs are queued in the order that they are sent to the RIP. Job information is displayed on the Print Monitor.

Job Name: Displays the name of the file.

Status: Displays the current progress of the job as either Holding, RIPing, Printing, etc.

Copies: Displays the number of copies selected in the AdobePS Printer Driver.

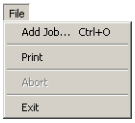
File Type: Displays the file type of the selected job.

Dimensions: Displays the image size as defined in the job file. The plate you are going to use should be larger than this image size.For more information about media size and centering the image on the plate, see Appendix C: Kimosetter 410 Printable Area.

Menu

This section explains the Menu options.

File



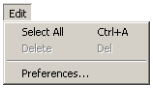
Add job: Adds a job to the queue.

Print: Prints a job from the queue.

Abort: Stops printing the current job.

Exit: Exits the RIP program and closes the screen.

Edit

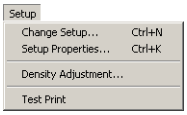


Select All: Select all jobs added to the Print Monitor.

Delete: Deletes jobs from the queue.

Preferences: See the section on Preferences.

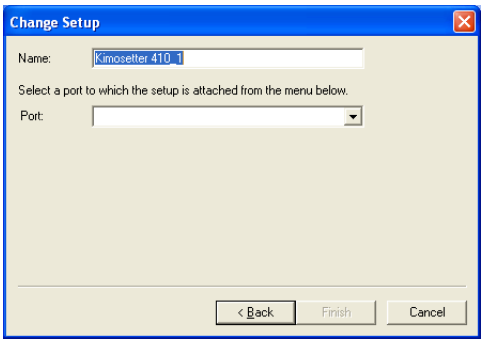
Setup



Change Setup: Changes the printer model. If you change the model, all the setting you have made in the Setup Properties will be cleared and reset as default.

Caution

If the name of the printer with a "-1" is displayed, it means that the setup of the same printer model has already been completed.



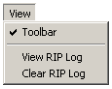
In this situation, the "Finish" button allows the printer not to work. Click the "Cancel" button and quit the process of "Change Setup". Then you should close the RIP and go to the initialization process. Refer to the "Printer does not print or stops while printing" in the Chapter 5 "Troubleshooting".

Setup Properties: Please refer to the next page.

Density Adjustment: See the section on Density Curve Adjustment.

Test Print: To run a test print, insert a plate 210x297mm or greater into the feeder.

View

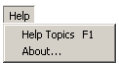


Toolbar: Show or hide the toolbar.

View RIP Log: Displays the current status of the RIP including error inofrmation.

Clear RIP Log: Deletes all the information in the log.

Help

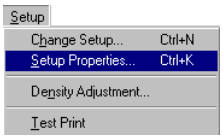


Help Topics: Displays the User's Guide of Kimosetter 410 RIP in PDF format. To open the PDF files, you need Adobe Acrobat Reader. If you do not have Adobe Acrobat Reader installed in your PC, there is a copy on the RIP CD. It is located at Kimosetter 410 RIP\Util\Acrobat Reader \English\ar500enu.exe..

About: Shows the version information of the RIP.

Setup Properties

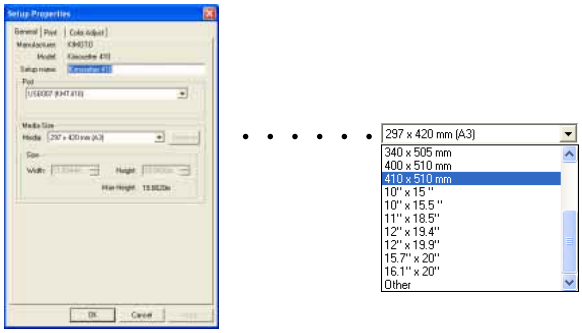
Choose Setup Properties from Setup menu to change the default preferences for the Kimosetter.



General tab

You can choose the media size. For specific custom size select "Other" and enter a value between 98mm and 330.2mm for Width and a value between 98mm and 510.0mm for Height. For a custom size larger than 340 x 505mm choose 410 x 510mm from the menu.

An alert message may appear when you have entered a value that exceeds the above size. Re-enter a correct size within the range specified as above.

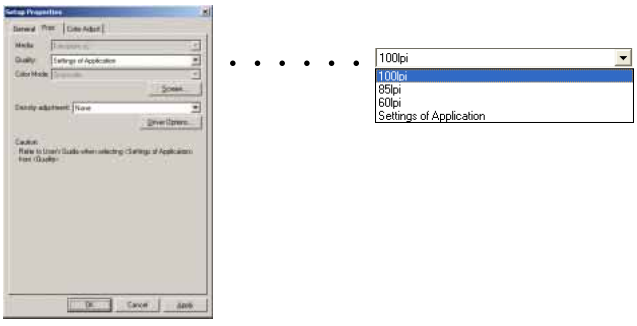


Caution

- **The actual media size you are imaging should be the same or greater than the Media Size you choose here.**
- **The image is not printed properly on the media whose width is equal to the height ; e.g., W100 x H100.**

Print tab

The Print tab allows you to choose a screen ruling (Quality) and to change the tone curve of graphics (Density Adjustment).



Media: Kimoplate e^2

Quality: Three screen rulings (100, 85 and 60lpi) are standard options with the screen angle 45 degrees. Kimosetter 410 is designed to produce the best quality image when one of these is selected. "Settings of application" is a special option. It allows the settings on screen rulings, angle and dot shape you specified by the application to be valid.

Caution

When you select "Settings of applications", the quality of the output might not be what you expected it to be, as the settings may exceed the imaging capability of Kimosetter 410. You are requested to use this option at your own responsibility.

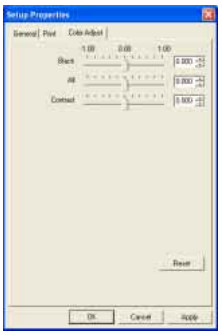
Screen: When "Settings of application" is selected in "Quality", this button becomes active. Pressing this button brings a new window where you can specify "Frequency" (lpi), "Angle"(degrees) and "Shape" These settings will be valid when the application you use does not have any option to specify them.

Density Adjustment: Select a profile (density curve) you have created previously. For details see the section on Density Curve Adjustment.

Driver Options: See the section on Driver Options.

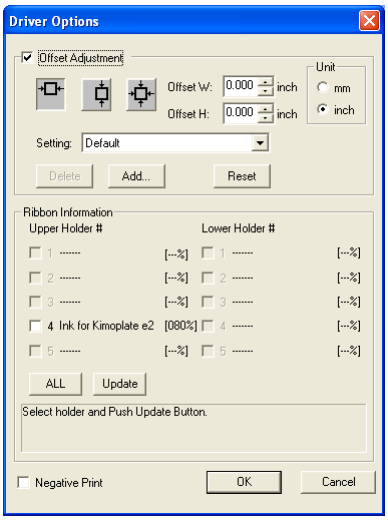
Color Adjust tab

You can adjust Density and Contrast. The slider of All works the same as Density does. Use either of the two sliders.



Driver Options

Driver Options dialog box allows Offset Adjustment to be made. It also displays the status of the ink cartridges.



Offset Adjustment

Checking the Offset Adjustment check box allows you to shift the image position from the default one.

Centering Horizontally

Pressing this button will center the image horizontally starting at the top of the printable area of plate.

For the printable area refer to the Appendix C of Chapter 2.

Centering Vertically

Pressing this button will center the image vertically starting at the right side of the printable area of plate.

Centering

Pressing this button will put the image in the center of the printable area of plate.

Giving a value to Offset W and Offset H, you can shift the position of the image from the above home position.

Offset W: Enter the value to be shifted to right or left. The value should be within the range from -150mm to 150mm.

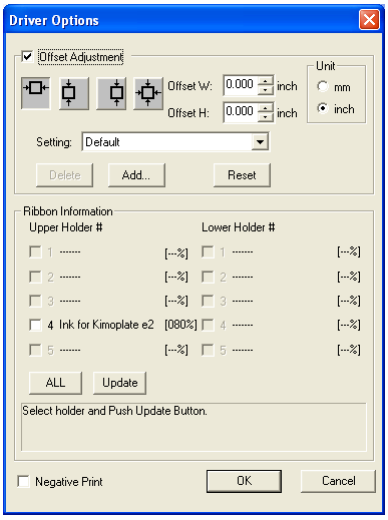
Offset H: Enter the value to be shifted up or down. The value should be within the range from -250mm to 250mm.

Note

For more detailed explanation on how the Offset adjustment works, see the Appendix A.

Extended Driver Option : Shift-key + [Driver Option] button.

When [the driver option] button is clicked while pushing Shift-key, the enhanced dialog with the "Centered Vertically (left justify)" button is displayed.



Centered Vertically, Left justify

Pressing this button will center the image vertically starting at the left side of the plate. With the right feed guide in the inner position the printer will print with a 3.4mm margin. With the right feed guide in the outer position the margin is 30mm.

Unit: The Unit of the input value of the Offset W/Offset H is changed to mm or inch.

Setting: You can save the settings for Offset Adjustment for frequently used layouts. This field displays your saved settings to choose from.

Delete: This button deletes a selected setting from the list.

Add: Press Add button to save the current setting in the list. Type a name with 64 characters or less. You can save up to 10 settings.

Reset: Bring back the default setting.

Ribbon Information

Update: Click this button to update the status of selected (checked) ink cartridges.

All: Click this button to select (check) all ink cartridges.

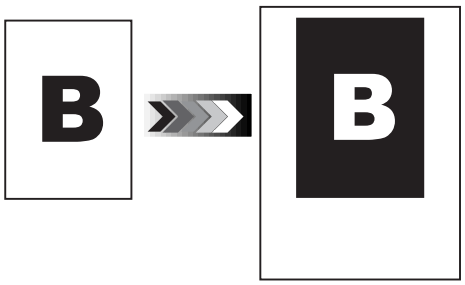
Negative Print

When the Negative Print check box is checked, the media size defined on the RIP (Setup Properties > General) will be inverted.

Caution

If you check this check box, do not use the invert feature available from Print menu of application.

The following examples will illustrate the difference of the two invert functions; one from the Print menu of the application and the other from the RIP.



Invert feature of Print menu of the application (AdobePS):
The image size defined by the application will be inverted.

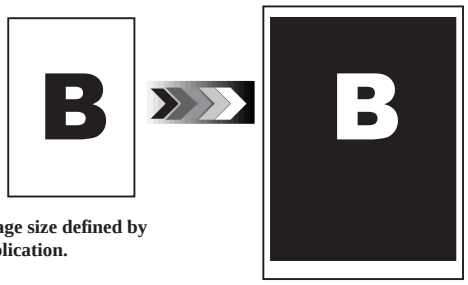


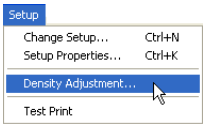
Image size defined by application.

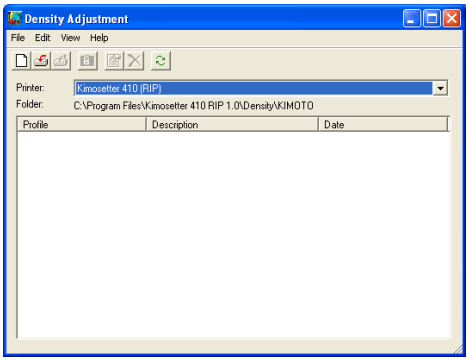
Media size defined in General tab of the RIP

Invert feature by Driver Options of the RIP:
The media size defined in General tab will be inverted.

Density Curve Adjustment

The Density Curve Adjustment feature enables you to balance the print results of 2 or more Kimosetters. Choose Density Adjustment from Setup menu.





Function of each button

New Profile

Use this button to create new profiles (density curves). The created profile will be added into
Density Adjustment in the Print tab from the Setup Properties.

Import Profile

You can import profiles (density curves) using this button. Click the Import Profile button and then select the file to import it.

Export Profile

Use this button to export profiles (density curves). Select the profile and click the Export Profile button to export it.

Profile Properties

Use this button to edit profiles (density curves). Select the profile and click the Profile Properties button to display the Density Curve Adjustment dialog and to edit the density curve.

Delete Profile

Use this button to delete density files selected. Select the profile and click the Delete Profile button to delete.

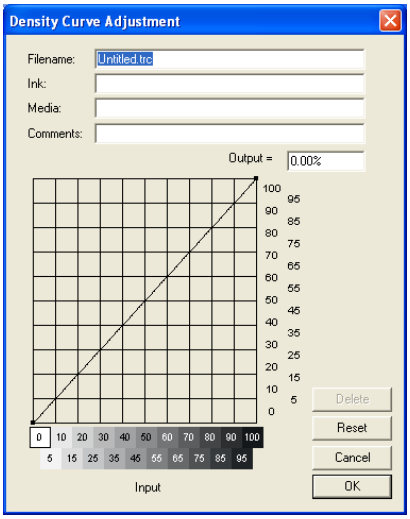
Refresh List

It is possible to update the list of Density Curve Adjustment files.

Create and Edit Density curve

Click the New Profile button to create a new profile.

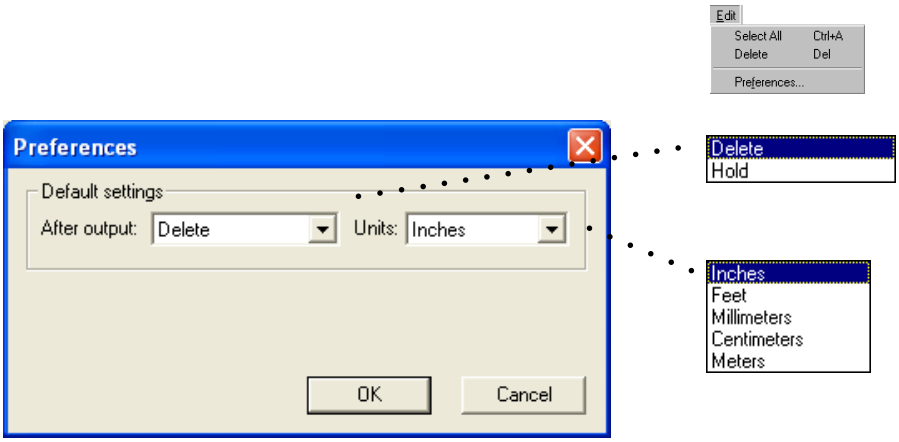
To edit previously created profiles, select the profile in the list and click Profile Properties button.



The vertical axis represents the output density for the input value on the horizontal axis. The default is a straight line which, for example, converts the input density 50% to the output density 50%. To edit the curve, drag any point on the line to the density point you want to get. To save the density curve as a new profile, enter the file name and click OK.

Preferences

To change the following default setting, choose Preferences from Edit menu.



After output: Specify whether you Delete or Hold jobs after printing.

Units: You can select a measurement unit which will be applied to the media size you select on 'Setup > Setup Properties > General > Media: Other' and to the Dimension in the Print Monitor. Available units are; millimeters, centimeters, meters, inches and feet.

Printing

There are two ways to print. One is to print without opening the application on which the file was created. The other is to send the print command from the application.

Printing Files without opening the associated application software.

The following file formats can be printed without opening the applications on which each file was created; JPEG, TIFF, PDF, PostScript,EPS and BMP.

Caution

- **The supported format of PDF and TIFF is up to Ver 1.2 and Ver 5.0 respectively. If you cannot print properly, open the file on its application and send print command from that application.**
- **A JPEG saved as CMYK Color Mode can be printed larger than a JPEG file saved in the application.**

  The print sizes are as follows:

  Horizontal: Horizontal pixels / 72 [inches]

  Vertical: Vertical pixels / 72 [inches]
- **Since the files in JPEG, TIFF, EPS and BMP format do not contain page sizing information, they will be imaged at the center top on the plate as default.**
- **When printing JPEG, TIFF, EPS and BMP files, load the media that is larger than the Size shown on the Print Monitor.**

1. Start up the RIP.

Double-click the Kimosetter 410 RIP icon.

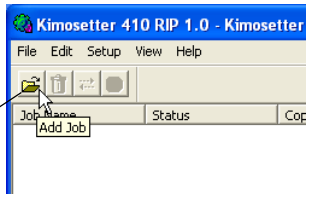
2. Verify the Setup Preferences of RIP.

Open the Setup Properties dialog box from Setup menu and verify the followings.

General:	Media size
Print :	Quality (Screen ruling)

3. Click Add Job on the Print Monitor.

Click **Add Job** from the Print Monitor.

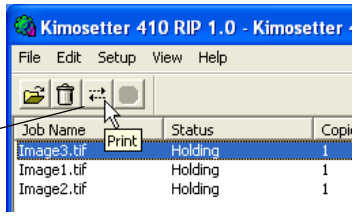


4. Select the file to be printed.

Select files to be printed and click Open.

5. Click Print.

Select the job and click **Send**.



All newly added jobs will be queued with Holding status with the exception of PostScript files. To start RIPing and printing select the jobs and click Send. The PostScript files will be processed according to your selection, Send or Hold in After spooling option on AdobePS driver. (File > Send > Printer Features > After spooling)

Note

You can drag and drop the files into the Print Monitor.

Printing from the application software.

1. Create a file on your application program.

2. Start up the RIP.

Double-click Kimosetter 410 RIP icon.

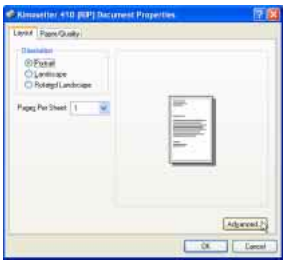
3. Check the settings of Setup Properties.

Open the Setup Properties dialog box from Setup menu to check the following settings.

Media size in General tab
Quality (Screen ruling) in Print tab

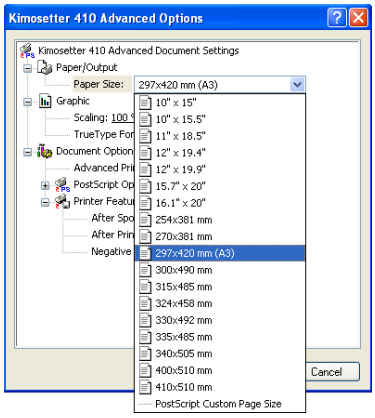
4. Open Print dialog.

Select File > Print. In the Print dialog choose Kimosetter 410 (RIP) in the Name field and the Type is shown as AdobePS Kimosetter 410 (RIP). Then click Properties.Open Layout and click Advanced.



5. Choose from options.

In the Kimosetter 410 Properties Choose the media size and orientation.



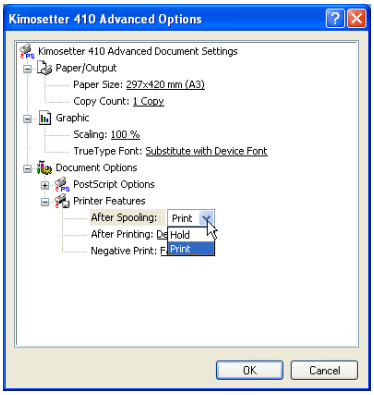
Note

If you want to invert the image (to negative), set up according to the following setting.

Select Advanced Options > PostScript Options on the PostScript printer driver. Turn the Negative Output from No to Yes. When Negative Output of PostScript printer driver doesn't have any effect, turn the Negative Print from False to True.

The invert option you select here will create a negative image for the "Image Size" . When you are using a media that is greater than the "Paper Size", the area outside of this "Paper Size" will not become negative. If you want to invert the whole media size, select Negative Print in the Driver Options dialog of the RIP. (See page 27)

6. The printer function is set.



After Spooling: The jobs added to the Print Monitor will be processed according to the following setting.
If you select Hold, the jobs will not proceed to be RIPed.
If you select Print, the jobs will be RIPed and then printed automatically.

After printing : You can specify to Hold or Delete the jobs after printing.

Negative Print : Choose True if you want to invert the image when Print as a negative image is not valid on the print image.

7. Start printing.

Click OK in the Print dialog box to start printing.

Printing from PageMaker 7.0

The following file formats can be printed without opening the applications on which each file was created; JPEG, TIFF, PDF, PostScript, EPS and BMP.

Caution

Before printing by PageMaker 7.0, copy the PPD file to PM65\RSRC\USENGLSH\PPD4. The PPD file is supplied in the CD (Kimosetter 410 RIP\Printer Descriptions\English).

1. Create data with the PageMaker 7.0.

2. Start up the RIP.

Double-click Kimosetter 410 RIP icon.

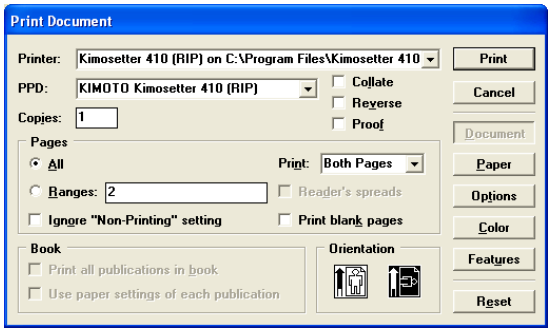
3. Set Kimosetter 410 RIP.

Check the settings for each tab.

General: Media Size
Print : Quality

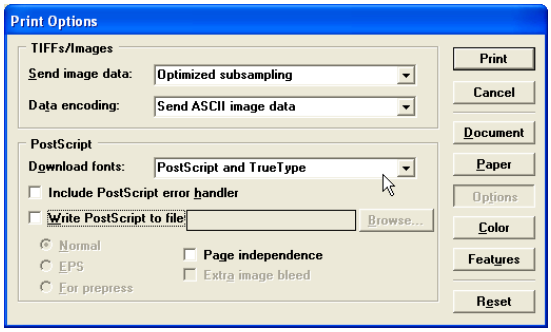
4. Select Print from the File menu.

Print Document dialog appears. Check that KIMOTO Kimosetter 410 (RIP) is selected in the PPD field.



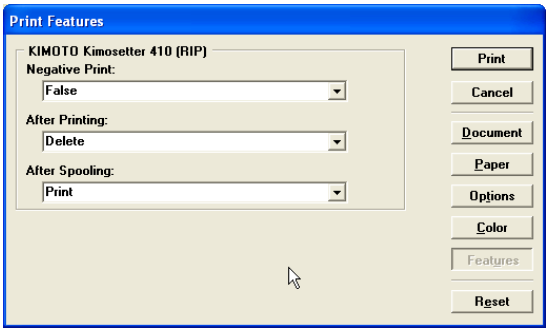
5. Select Options.

Check Options and Print Options dialog will open.



6. Setting in Print Features dialog.

Clicking Features will bring up the Print Features dialog. Choose your option in the fields of Negative Print, After Printing and After Spooling.



Caution

Do not choose Printer default option in the above fields.

7. Other settings.

Set up other features supported by Paper, Options and Color buttons.

Caution

To invert the image, check the Negative check box in the Color button dialog. If this Negative check box does not have any effect, try and turn the Negative Print field in the Print Feature dialog from False to True, instead.

The invert option you select here will create a negative image for the "Image Size" . When you are using a media that is greater than the "Paper Size", the area outside of this "Paper Size" will not become negative. If you want to invert the whole media size, select Negative Print in the Driver Options dialog of the RIP. (See page 27)

8. Start printing.

Click Print in the Print dialog box to start printing.

Appendix A. About Offset Adjustment

This version enables you to shift the position of the image on the media using the Offset Adjustment feature.

The Print Image here refers to the size of image that you specify as "media size" on the application (or AdobePS Driver), or such graphic image files as TIFF, JPEG etc.

The Output media here refers to the physical size of the media you set to the Kimosetter.

Please make sure that the media size you select from RIP (General > Media size) is the same as the output media.

The default setting will put the image on the media in the following way.

1. Print image = Output media

If the print image is the same as the output media, the print image will be printed on the printable area of the media.However, the actual print size is within the printable area of the media. (Non printable margin of the media is 3.4mm at the left and right, 12mm at the top and 15mm at the bottom for the media size 330.2mm (W) x 510.0mm (H) or smaller. For the width larger than this, the non printable margin at the right side will be extended. For example, the right margin will be 13.2mm for the media width of 340mm. For details see the section on 'Appendix C. Kimosetter 410 Printable Area' on this Manual.)

2. Width of print image < Width of printable area

If the width of the print image is smaller than the width of the printable area, it is printed so that the center line of the print image width may cross the center point of the media.

3. Height of print image < Height of printable area

If the height of the print image is smaller than the height of the printable area, the top edge of the print image will come to the top edge of the printable area (12mm from the top of the media).

4. Width and Height of print image < Width and Height of printable area

If the width and height of the print image is smaller than the width and height of the printable area, the image will be centered horizontally starting at the top edge of printable area (12mm from the top of the media).

5. Width of print image > Width of printable area

If the width of the print image is wider than the width of the printable area, it is printed so that the center line of the print image width may cross the center point of the media.

6. Height of print image > Height of printable area

If the height of the print image is longer than the height of the printable area, it is printed so that the center line of the print image height may cross the center point of the media.

7. Width and Height of print image > Width and Height of printable area

If the width and height of the print image is bigger than the width and height of the printable area, it is printed so that the center of the print image may come to the center of the media.

In the above cases of 5, 6 and 7, however, the actual print size is within the printable area of the media.

Caution

The <Media Size> you set up in the RIP menu Setup Properties > General should be the same or larger than the media size you choose on your application (AdobePS printer driver). Otherwise, a RIP error will occur.

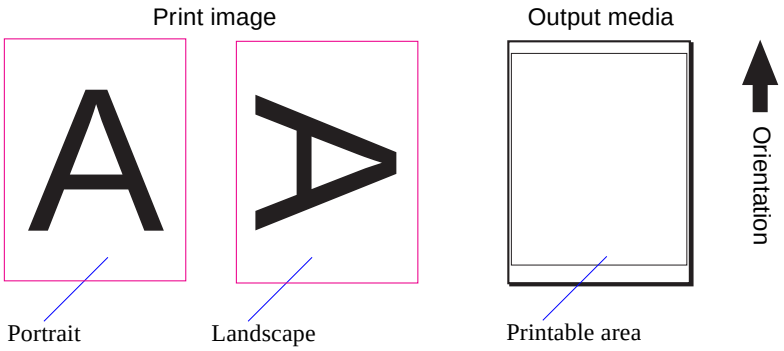
With the offset adjustment feature on, you can adjust the position of image on the media. Here are some examples with illustrations.

Please note that the actual print size is within the printable area of the media.

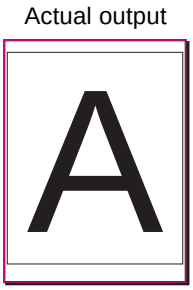
Caution

The value you enter in the field of Offset W and Offset H will shift the image from the postion of each button.

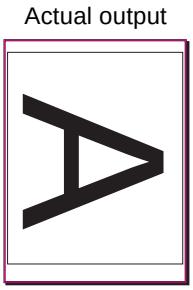
(1) Print image = Output media



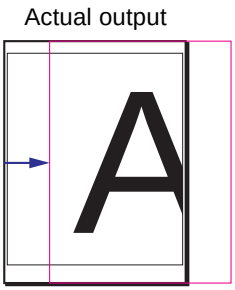
Print Image: Portrait
Offset Adjust: OFF
or
Offset Adjust: ON
Offset W: 0mm
Offset H: 0mm



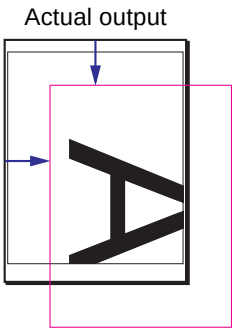
Print Image: Landscape
Offset Adjust: OFF
or
Offset Adjust: ON
Offset W: 0mm
Offset H: 0mm



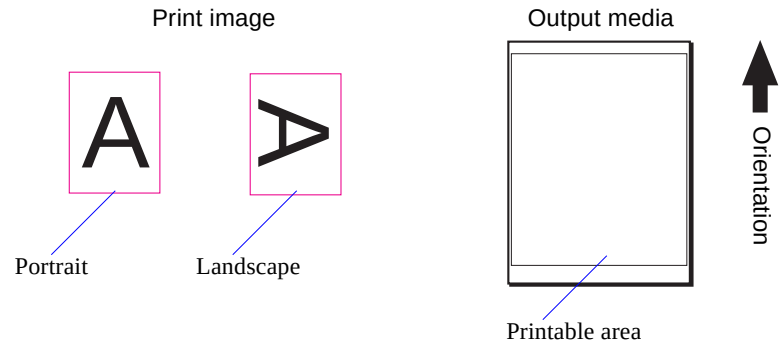
Print Image: Portrait
Offset Adjust: ON
button: ON
Offset W: 30mm
Offset H: 0mm
The left side of the print image is shifted to the right by 30mm.



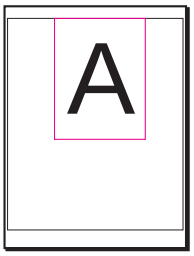
Print Image: Landscape
Offset Adjust: ON
button: ON
Offset W: 30mm
Offset H: 30mm
The print image is shifted to the right by 30mm and downward by 30mm.



(2) Print image < Output media

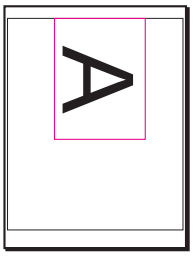


Actual output



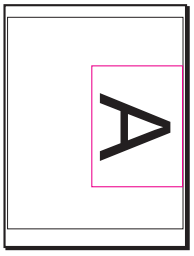
Print Image: Portrait
Offset Adjust: OFF
or
Offset Adjust: ON
button: ON
Offset W: 0mm
Offset H: 0mm
The image will be centered horizontally starting from the top of the printable area leaving 12mm non-printable margin.

Actual output



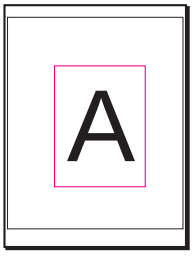
Print Image: Landscape
Offset Adjust: OFF
or
Offset Adjust: ON
button: ON
Offset W: 0mm
Offset H: 0mm
The image will be centered horizontally starting from the top of the printable area leaving 12mm non-printable margin.

Actual output



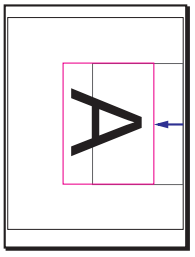
Print Image: Landscape
Offset Adjust: ON
button: ON
Offset W: 0mm
Offset H: 0mm
The image will be centered vertically at the right side of the printable area leaving 3.4mm non-printable margin.

Actual output



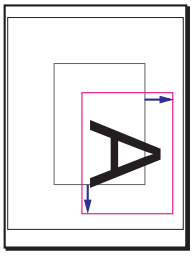
Print Image: Portrait
Offset Adjust: ON
button: ON
Offset W: 0mm
Offset H: 0mm
The print image will be centered in the media.

Actual output



Print Image: Landscape
Offset Adjust: ON
button: ON
Offset W: -30mm
Offset H: 0mm
The image will be shifted to the left by 30mm from the position of the above example.

Actual output



Print Image: Landscape
Offset Adjust: ON
button: ON
Offset W: 30mm
Offset H: 30mm
The image will be shifted to the right by 30mm and downward by 30mm from the center positon of the media.

Caution

Refer to the distance from a right edge of each media size to Appendix C "Kimosetter410 Printable Area".

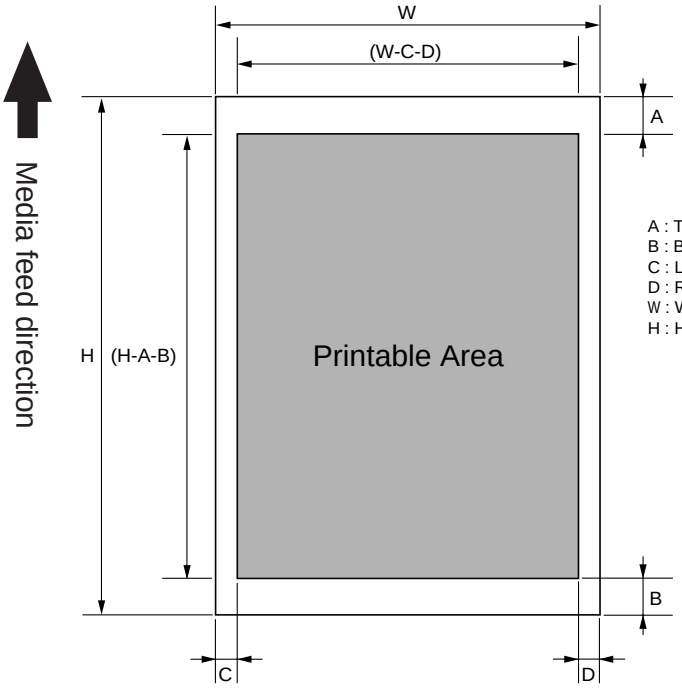
Appendix B. List of Fonts

This is a list of fonts that come with Kimosetter 410 RIP in their output style.

Albertus MT Light
Albertus MT
Albertus MT Italic
Antique Olive
Antique Olive Italic
Antique Olive Bold
Antique Olive Compact
Apple Chancery
Arial
Arial Italic
Arial Bold
Arial Bold Italic
Bodoni
Bodoni Italic
Bodoni Bold
Bodoni Bold Italic
Bodoni Poster
Bodoni Poster Compressed
Carta
Chicago
Clarendon Light
Clarendon Roman
Clarendon Bold
Cooper Black
Cooper Black Italic
Copperplate Gothic
Thirty Two BC
Copperplate Gothic
Thirty Three BC
Coronet
Courier
Courier Oblique
Courier Bold
Courier Bold Oblique
Eurostile Medium
Eurostile Bold
Eurostile Extended Two
Eurostile Bold Ext Two
Geneva
Gill Sans Light
Gill Sans Light Italic
Gill Sans
Gill Sans Italic
Gill Sans Bold
Gill Sans Bold Italic
Gill Sans Extra Bold
Gill Sans Condensed
Gill Sans Bold Condensed
Goudy
Goudy Italic
Goudy Bold
Goudy Bold Italic
Goudy Extra Bold
Helvetica
Helvetica Oblique
Helvetica Bold
Helvetica Bold Oblique
Helvetica Condensed
Helvetica Condensed Oblique
Helvetica Condensed Bold
Helvetica Condensed Bold Oblique
Helvetica Narrow
Helvetica Narrow Oblique
Helvetica Narrow Bold
Helvetica Narrow Bold Oblique
Hoefler Text
Hoefler Text Italic
Hoefler Text Black
Hoefler Text Black Italic
Hoefler Text Ornaments

Joanna MT
Joanna MT Italic
Joanna MT Bold
Joanna MT Bold Italic
Letter Gothic
Letter Gothic Slanted
Letter Gothic Bold
Letter Gothic Bold Slanted
ITC Avant Garde Gothic Book
ITC Avant Garde Gothic Book Oblique
ITC Avant Garde Gothic Demi
ITC Avant Garde Gothic Demi Oblique
ITC Bookman Light
ITC Bookman Light Italic
ITC Bookman Demi
ITC Bookman Demi Italic
ITC Lubalin Graph Book
ITC Lubalin Graph Book Oblique
ITC Lubalin Graph Demi
ITC Lubalin Graph Demi Oblique
ITC Zapf Chancery Medium Italic
ITC Zapf Dingbats ❁✪✪✳❑❍➪①②
ITC Mona Lisa Recut
Marigold
Monaco
New Century Schoolbook
New Century Schlbk Italic
New Century Schlbk Bold
New Century Schlbk Bold Italic
New York
Optima
Optima Italic
Optima Bold
Optima Bold Italic
Oxford
Palatino
Palatino Italic
Palatino Bold
Palatino Bold Italic
Stempel Garamond
Stempel Garamond Italic
Stempel Garamond Bold
Stempel Garamond Bold Italic
Symbol αβχδABXΔ♥♦♣♠⇑⇒∉∞
Tekton
Times
Times Italic
Times Bold
Times Bold Italic
Times New Roman
Times New Roman Italic
Times New Roman Bold
Times New Roman Bold Italic
Univers 45 Light
Univers 45 Light Oblique
Univers 55
Univers 55 Oblique
Univers 65 Bold
Univers 65 Bold Oblique
Univers 57 Condensed
Univers 57 Condensed Oblique
Univers 67 Condensed Bold
Univers 67 Condensed Bold Oblique
Univers 53 Extended
Univers 53 Extended Oblique
Univers 63 Extended Bold
Univers 63 Ext Bold Oblique
Wingdings ♋♌♍♎♏

Appendix C. Kimosetter 410 Printable Area



Media Size	Left margin C	Right margin D
= With Feed guide "R" at left-most position =		
330 x 492mm (or smaller)	**3.4mm**	**3.4mm**
335 x 485mm	**3.4mm**	**8.2mm**
340 x 505mm	**3.4mm**	**13.2mm**
= With Feed guide "R" at right-most position =		
370 x 450mm	**30mm**	**16.6mm**
400 x 467 mm	**30mm**	**46.6mm**
404 x 483 mm	**30mm**	**50.6mm**
405 x 483 mm	**30mm**	**51.6mm**
400 x 510 mm	**30mm**	**46.6mm**
410 x 510mm	**30mm**	**56.6mm**

Chapter 3

RIP for
Mac OS 9.x & Mac OS X Classic

This chapter describes the RIP settings required for controlling the printing operations. Read it to learn the specific setup details for different printing modes.

Set Up

System Requirements

The following systems characteristics are required for using Kimosetter 410 RIP.

	Recommended system
Processor	Power PC G3 400MHz
Memory space	More than 128MB (virtual memory=256MB)
Installation space	90MB
Disk space	More than 2GB (for saving data)
OS	Mac OS 9.x
	Mac OS X : Classic mode only
	Mac OS 10.3 or later
Video system	17 inch monitor, more than Thousands colors
Peripheral devices	CD-ROM drive
Interface	USB

Caution

Remarks for Mac OS X users

- **The phrase "on the Desktop" in this manual means "in the desktop folder of the volume where the Classic OS 9 is located".**
- **To run the RIP in OS X your Macintosh should be connected to the LAN. This is necessary to activate AppleTalk which enables you to select AdobePS in the Chooser. If you are using your Macintosh as standalone, just get a hub and a LAN cable; connection to a hub without any other computers on the LAN can also activate AppleTalk.**
- **Deactivate the Automatic Sleep Mode. Once your Macintosh get into sleep while the Classic environment is active, Apple Talk may lose recognition of the Kimosetter 410 even after it wakes up. In that case, restart the Classic mode.**

Set up for Kimosetter 410 RIP for use in Mac OS 9.x environment.

To install program

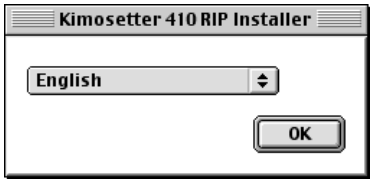
Install the program from the CD-ROM .

1. Insert the CD-ROM in your computer.

2. Double-click the Kimosetter 410 RIP Installer icon.

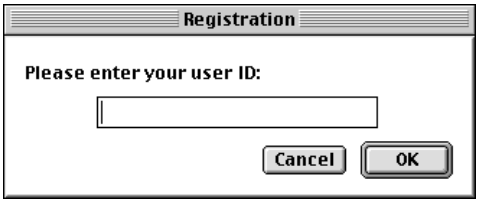
3. Select language.

The Kimosetter 410 RIP Installer dialog appears, select English from the popup menu as a support language of the installer, and click the OK button.



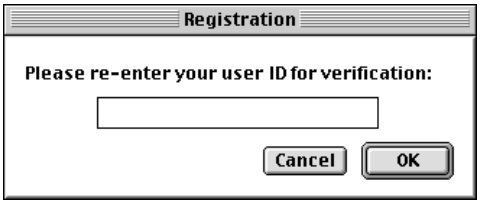
4-1. Registration

Input the User ID (Number of six digits), then click OK button. The User ID is the number of six digits on the sticker on the CD case.



4-2. Registration (for confirmation)

Input the User ID of the same number as 4-1 above again, then click OK button.

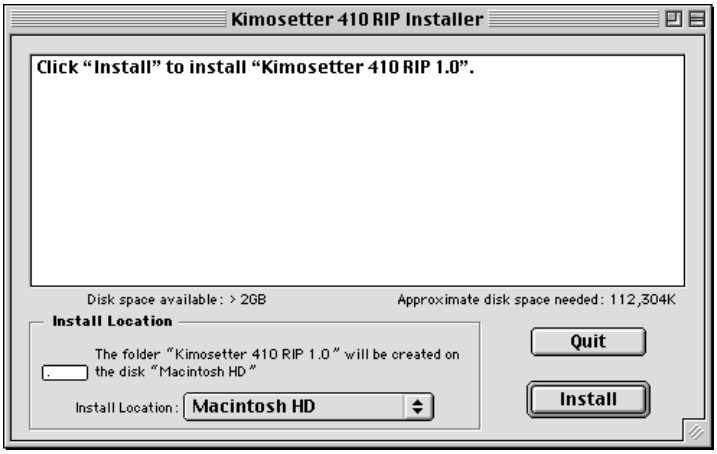


5. Confirm the product name and language.

The Installation Options dialog appears. Select English from the popup menu as a support language of the RIP, and click OK.

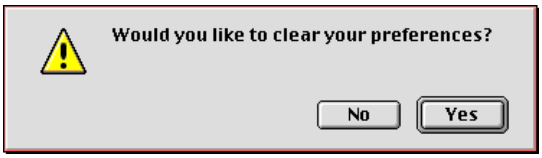
6. Select location to install.

Select the location to which to install the software in the Kimosetter 410 RIP 1.0 Installer dialog and click Install.


Kimosetter 410 RIP Installer
Click "Install" to install "Kimosetter 410 RIP 1.0".
Disk space available: > 2GB
Approximate disk space needed: 112,304K
Install Location
The folder "Kimosetter 410 RIP 1.0" will be created on the disk "Macintosh HD"
Install Location: Macintosh HD
Quit
Install

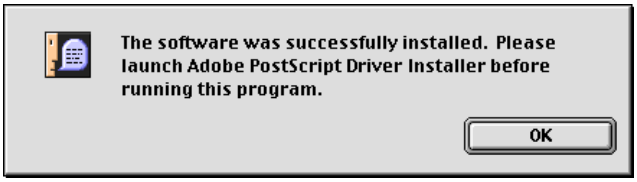
7. Clear preferences.

The message asks you if you would like to clear the 'Kimosetter 410 RIP 1.0' preferences. Click Yes.



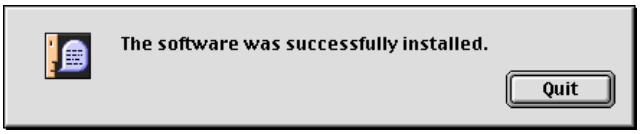
8. Confirm message.

The install massage for Adobe PostScript Driver appears. Click OK.


The software was successfully installed. Please launch Adobe PostScript Driver Installer before running this program.
OK

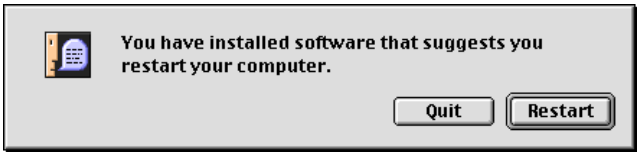
9. Finish installation.

The message tells you that the installation has been completed. Click Quit.



Caution

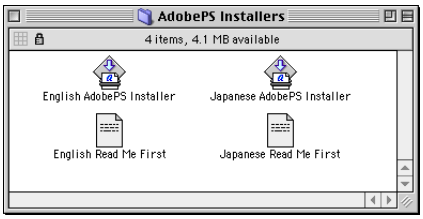
If a message for restart appears, do not restart and click Quit. Restart after installation of Adobe PostScript Driver finishes.



10. Install Adobe PostScript Driver.

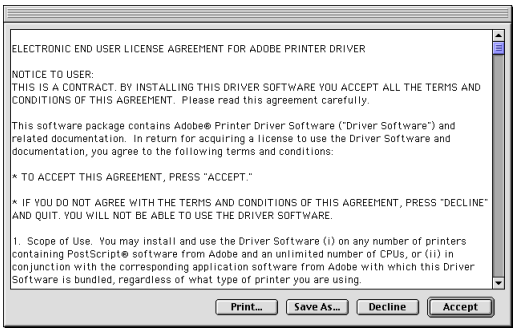
The Adobe PostScript Driver is AdobePS8.8. If this has already been installed, it is not necessary to install it again.

Open the 'AdobePS Installers' folder in the CD and double-click the AdobePS Installer icon.



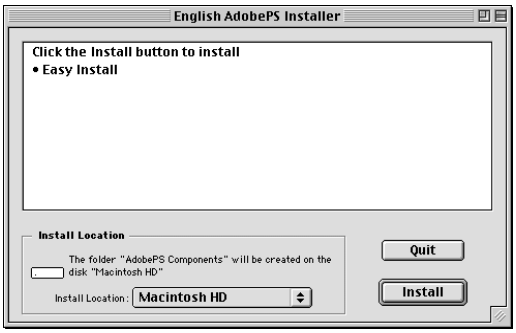
11. Read license agreement.

If Continue is clicked following the instructions on the screen, the ELECTRONIC END USER LICENSE AGREEMENT FOR ADOBE PRINTER DRIVER appears. If you accept the terms of the License after reading through the License Agreement, click Accept.


ELECTRONIC END USER LICENSE AGREEMENT FOR ADOBE PRINTER DRIVER
NOTICE TO USER:
THIS IS A CONTRACT. BY INSTALLING THIS DRIVER SOFTWARE YOU ACCEPT ALL THE TERMS AND CONDITIONS OF THIS AGREEMENT. Please read this agreement carefully.
This software package contains Adobe® Printer Driver Software ("Driver Software") and related documentation. In return for acquiring a license to use the Driver Software and documentation, you agree to the following terms and conditions:
* TO ACCEPT THIS AGREEMENT, PRESS "ACCEPT."
* IF YOU DO NOT AGREE WITH THE TERMS AND CONDITIONS OF THIS AGREEMENT, PRESS "DECLINE" AND QUIT. YOU WILL NOT BE ABLE TO USE THE DRIVER SOFTWARE.
1. Scope of Use. You may install and use the Driver Software (i) on any number of printers containing PostScript® software from Adobe and an unlimited number of CPUs, or (ii) in conjunction with the corresponding application software from Adobe with which this Driver Software is bundled, regardless of what type of printer you are using.
Print...
Save As...
Decline
Accept

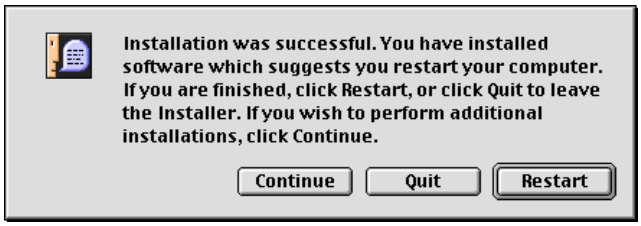
12. Select location to install.

Select the location to install to on the AdobePS Installer dialog and click Install.



13. Finish installation and restart.

The message tells you that the installation has been completed. Click Restart to restart your Macintosh.


Installation was successful. You have installed software which suggests you restart your computer. If you are finished, click Restart, or click Quit to leave the Installer. If you wish to perform additional installations, click Continue.
Continue
Quit
Restart

Installation was successful. If you are finished, click Quit to leave the Installer. If you wish to perform additional installations, click Continue.
Continue
Quit

The next step is to install screen fonts you are going to use on the applications.

To install screen fonts

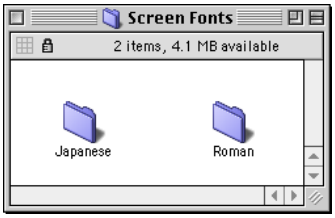
When the Kimosetter 410 RIP 1.0 was installed, 117 typestyles of Adobe Type 1 and 19 typestyles of TrueType were already installed in the folder of the RIP program. In order to use these fonts in the application you will have to install their screen fonts in the system folder using PS3 Fonts Installer.

Caution:

- **If your Macintosh system has the TrueType screen fonts of Times, Helvetica, Courier, Symbol, the installer will replace them with Adobe Type 1 version.**
- **In the default setting, AdobePS Driver will substitute the following 3 fonts; Times for New York, Helvetica for Geneva and Courier for Monaco. If you do not want to substitue these fonts, uncheck "Substitute Fonts" in the "PostScript Options" tab in the Page Setup menu.**

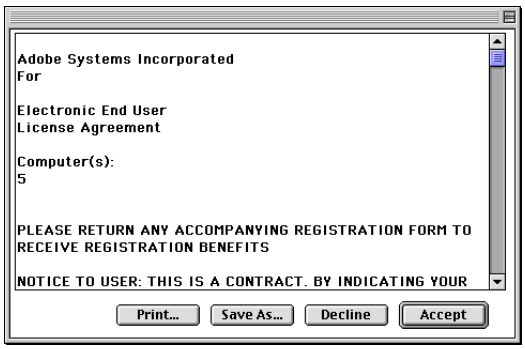
1. Open the 'Screen Fonts > Roman' folder in the CD.

Double-click the PS3 Fonts Installer.



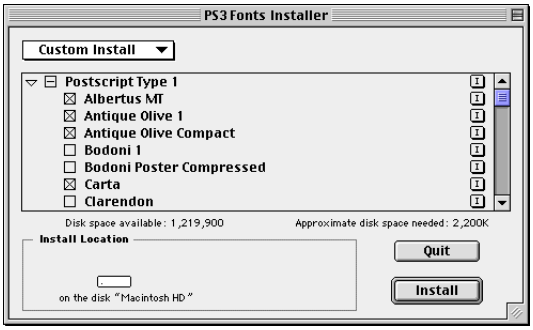
2. Read license agreement.

The Electronic End User License Agreement appears. If you accept the terms of the license after reading through the license agreement, click Accept.



3. Select font to add.

Select Custom Install to check the fonts to add and click Install.



Caution

If Easy Install is selected, all fonts will be installed.Select Custom Install to install specified fonts to use.

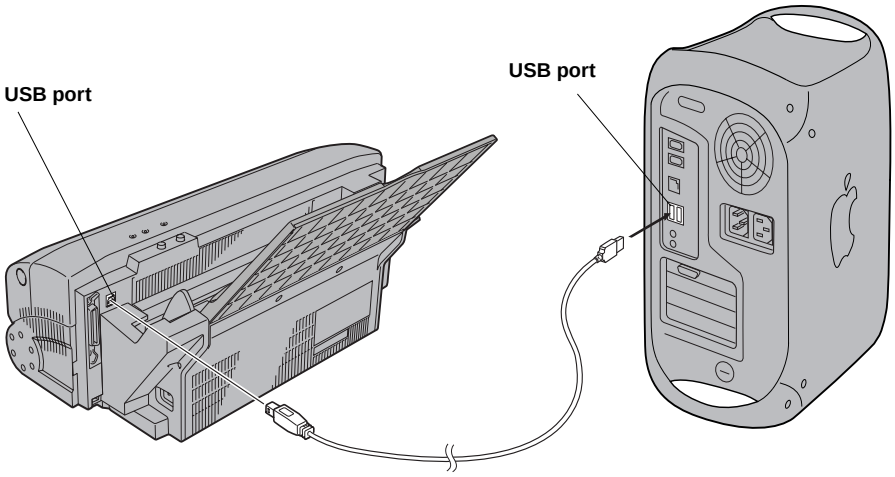
4. Restart.

Click Restart to restart the Macintosh.

The software installation is complete. Now proceed to hardware connection.

To connect the Kimosetter 410 to your computer

Connect the Kimosetter 410 to your computer as described in Chapter 1.
Then the power supply of the printer and computer is turned on.



To set up the printer

Set up the printer by starting up RIP.

Note

Kimosetter 410 RIP 1.0 enables you to print not only directly from the Macintosh where the RIP is installed but also from other Macintosh connected on the network.

1. Start up RIP.

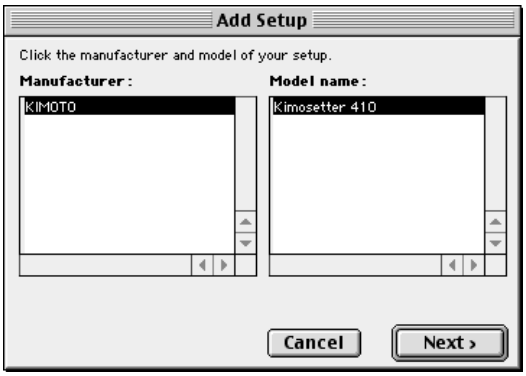
Double-click the Kimosetter 410 RIP 1.0 icon.

Note

When the installation of Kimosetter 410 RIP 1.0 is completed, the Kimosetter 410 RIP 1.0 icon will appear on the desktop.

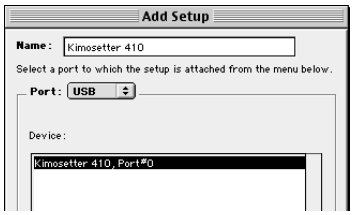
2. Select a model name.

Select Kimosetter 410 and click Next.



3. Choose port.

Choose the USB port to which the printer is currently connected on the Add Setup dialog. When a port is selected, the connected printer name will be displayed. Select the printer to use in the list and click OK.

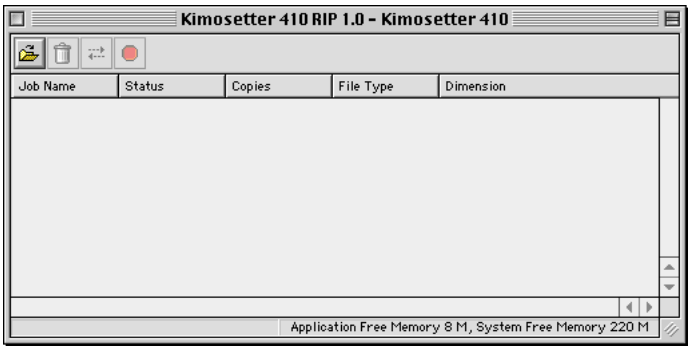


Note

You are recommended to use the default Name. When you need to change a name (eg. 2 Kimosetters on the network) use no more than 28 characters.

4. Confirm RIP start up.

The Print Monitor is displayed.

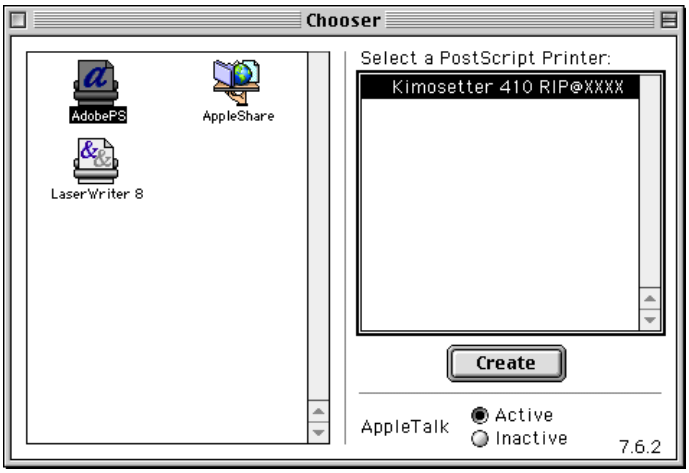


5. Select AdobePS.

5-1. Printing from the computer in which RIP is installed.

Open Chooser from the Apple Menu to select AdobePS.

Select Kimosetter 410@xxxx from the printer list in Select a PostScript Printer and click Create.



5-2. Printing from a Client Computer.

Copy the PPD file 'AmKMT410A.PPD' in the 'Printer Descriptions' folder on the CD-ROM to 'System Folder > Extensions > Printer Descriptions' folder of the client computer.

Open Chooser from the Apple Menu and select AdobePS.

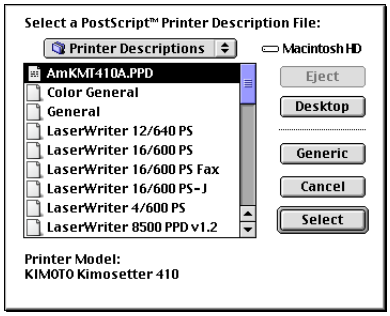
Select Kimosetter 410@xxxx from the printer list in Select a PostScript Printer and click Create.

Note

A character string 'xxxx' stands for the name of computer where the RIP is installed. To verify the name see the File Sharing in the Control Panels.

6. Select the PPD file.

Click Select PPD then select 'AmKMT410A.PPD'. The PPD file is located in 'System folder > Extensions > Printer Descriptions'. The desktop icon Kimosetter 410@xxxx will appear.



7. Close Chooser.

8. Test print.

It is recommended to check if the printer will print a test page correctly.

8-1. Install the ink cartridge.

Set the appropriate Ink cartridges as instructed in the User's Manual.

8-2. Load media.

Set Kimoplate e2 in the sheet feeder as instructed in the Kimosetter 410 User's Guide. The media size required for this test page is 210 x 297mm or larger.

8-3. Perform test print.

Choose Test Print from the Setup menu, and the Kimosetter will start printing a test page. Check your printout.

To uninstall RIP

To uninstall the RIP, follow these procedures.

1. **Close the Print Monitor.**
   If the RIP is active, close the Print Monitor or choose Quit from the File menu.

2. **Drag the Kimosetter 410 RIP 1.0 icon to the Trash.**
   Drag the Kimosetter 410 RIP 1.0 icon from the desktop to the Trash.

3. **Drag the 'Kimosetter 410 RIP 1.0' folder to the Trash.**

4. **Open the 'System Folder'.**

5. **Open the 'Preferences' folder.**
   Drag 'Kimosetter 410 RIP Preferences' and 'Kimosetter 410 RIP 1.0 Prefs' to the Trash.

6. **Open the 'Extensions' folder.**
   Drag 'Am_Kimosetter 410', 'E3ITF' to the Trash.

7. **Open 'Extensions>Printer Descriptions'.**
   Drag 'AmKMT410A.PPD' to the Trash.

8. **Restart computer.**

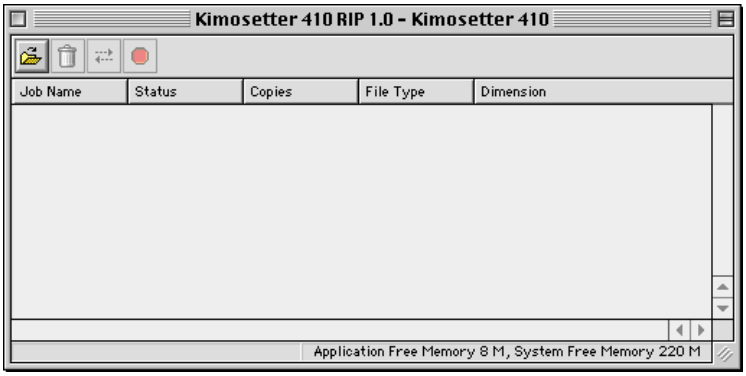
9. **Empty the Trash while holding down the option key.**

Functions of the RIP

This chapter gives a brief explanation about functions of the Kimosetter 410 RIP 1.0.

Print Monitor

Double-click the desktop icon of Kimosetter 410 RIP 1.0, and the Print Monitor will appear. The print monitor allows you to manage the print jobs.



Function of each button

Add Job

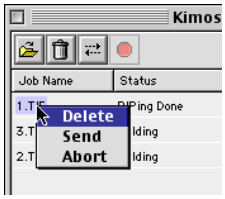
Click this button to add jobs. Select the file to be added and click Open. The file formats supported are JPEG, TIFF, PDF, PostScript and EPS. The newly added job will be listed on the Print Monitor with the status as Queue. If it is a PostScript file, the printing procedure is up to which option you have selected, Print or Hold, as After spooling on AdobePS Driver. ('File > Print > Printer specific options > After spooling')

To print jobs of Queue status, select the files and click Print .

Note

RIP is an acronym for Raster Image Processor. It creates dot-by-dot representations from the file to form the final printed output. RIPing requires rather high performance of the computer; the RIPing time depends on the computer and the file size.

If you hold down the mouse button on a job, the following pop-up menu will appear.



Delete: The job is deleted.

Send: The RIP processing is executed and data is transmitted to the printer.

Abort: Processing is aborted.

Delete

This deletes jobs. Select a file or files from the list on the Print Monitor and click Delete.

Print

This starts printing. Select a file or files from the list on the Print Monitor and click Print.

Pause

This makes a pause while printing a job. While that job is selected on the Print Monitor click Pause. To resume the printing click Pause again.

Abort

This stops printing and cancel that job. While the job is selected on the Print Monitor click Abort.

Information display

Jobs to be printed are queued in the order that they are sent. On the Print Monitor, the following information is displayed for each job.

Job Name: The name of the file.

Status: The current status of the job, **Holding**, **RIPing**, **Printing**, etc.

Copies: The number of copies to be printed.

File Type: The file type of the selected job.

Dimension: Displays the print image size of a job. However, on some applications the print image has different size from the media size. In that case the monitor will show 21.54cm x 27.94cm which is not the actual output size.

Menu

This section explains Menu that may appear after the RIP has started.

File

Add job: Works the same as the **Add job** button.

Print: Works the same as the **Print** button.

Abort: Works the same as the **Abort** button.

Quit: **Quit** the RIP program.

Edit

Select All: **Select all** jobs added to the Print Monitor.

Delete: Works the same as the **Delete** button.

Preferences: See the section on **Preferences**.

Setup

Change Setup: Changes the printer model. If you change the model, all the setting you have made in the **Setup Properties** will be cleared and reset as default.

Setup Properties: Please refer to the next page.

Density Adjustment: See the section on Density Curve Adjustment.

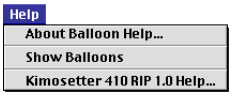
Test Print: To carry out test prints. The size of the test print data is 210x297mm.

View

View RIP log: Displaying the current status and error information internal to the RIP operation.

Clear RIP log: Clearing the RIP log.

Help



Kimosetter 410 RIP 1.0 Help: Displays the User's Guide of **Kimosetter 410 RIP 1.0** as PDF format. To open the PDF files, you need Adobe Acrobat Reader. You can install Acrobat Reader from the CD of Kimosetter 410 RIP.

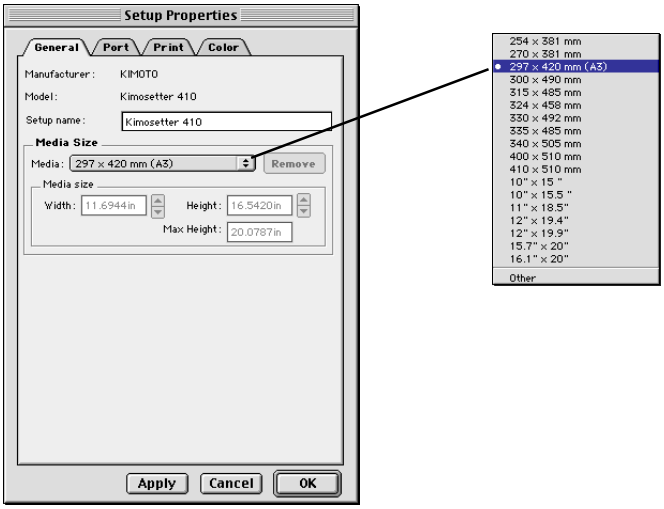
Setup Properties

Choose Setup Properties from Setup menu to change the default preferences for the Kimosetter.

General tab

You can choose the media size. For specific custom size select "Other" and enter a value between 98mm and 330.2mm for Width and a value between 98mm and 510.0mm for Height. For a custom size larger than 340 x 505mm choose 410 x 510mm from the menu.

An alert message may appear when you have entered a value that exceeds the above size. Re-enter a correct size within the range specified as above.

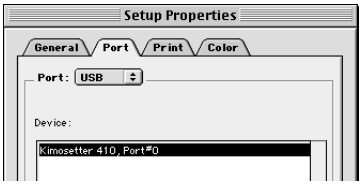


Note

- **Please make sure to use the same size for' this Setup Properties, AdobePS Driver and the actual media.**
- **The image is not printed properly on the media whose width is equal to the height ; e.g., W100 x H100.**

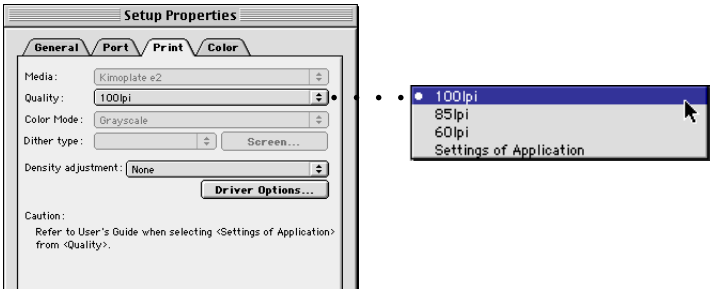
Port tab

Choose the USB port to which the printer is currently connected. When a port is selected, the connected printer name will be displayed.



Print tab

The Print tab allows you to choose quality, adjust the density of outputs.



Media: Kimoplate e^2

Quality: Three screen rulings (100, 85 and 60lpi) are standard options with the screen angle 45 degrees. Kimosetter 410 is designed to produce the best quality image when one of these is selected. "Settings of application" is a special option. It allows the settings on screen rulings, angle and dot shape you specified by the application to be valid.

Caution

When you select "Settings of applications", the quality of the output might not be what you expected it to be, as the settings may exceed the imaging capability of Kimosetter 410. You are requested to use this option at your own responsibility.

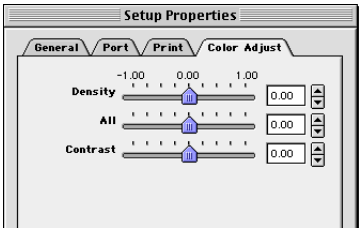
Screen: When "Settings of application" is selected in "Quality", this button becomes active. Pressing this button brings a new window where you can specify "Frequency" (lpi), "Angle"(degrees) and "Shape" These settings will be valid when the application you use does not have any option to specify them.

Density Adjustment: Select a profile (density curve) you have created previously. For details see the section on Density Curve Adjustment.

Driver Options: See the section on Driver Options.

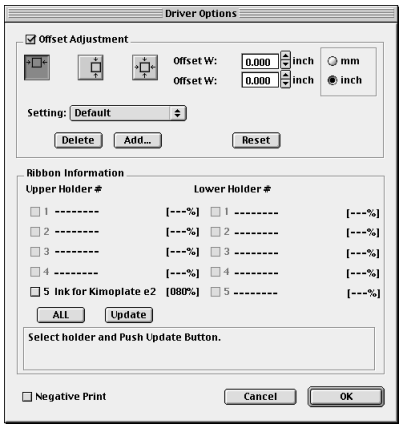
Color Adjust tab

You can adjust Density and Contrast. The slider of All works the same as Density does. Use either of the two sliders.



Driver Options

Clicking this button displays the Driver Options dialog box which gives you Offset Adjust option and display Ink cartridge status.



Offset Adjustment

Checking the Offset Adjustment check box allows you to shift the image position from the default one.

Centering Horizontally

Pressing this button will center the image horizontally starting at the top of the printable area of plate.

For the printable area refer to the Appendix C of Chapter 2.

Centering Vertically

Pressing this button will center the image vertically starting at the right side of the printable area of plate.

Centering

Pressing this button will put the image in the center of the printable area of plate.

Giving a value to Offset W and Offset H, you can shift the position of the image from the above home position.

Offset W: Enter the value to be shifted to right or left. The value should be within the range from -150mm to 150mm.

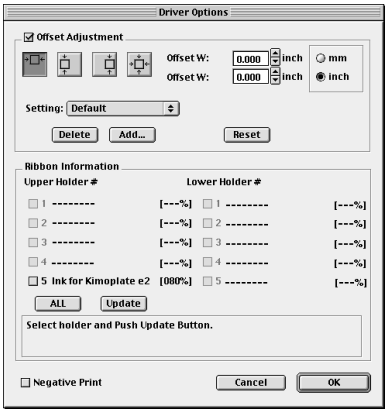
Offset H: Enter the value to be shifted up or down. The value should be within the range from -250mm to 250mm.

Note

For more detailed explanation on how the Offset adjustment works, see the Appendix A.

Extended Driver Option : Shift-key + Control key + [Driver Option] button.

When [the driver option] button is clicked while pushing Shift-key and Control key, the enhanced dialog with the "Centered Vertically (left justify)" button is displayed.



Centered Vertically, Left justify

Pressing this button will center the image vertically starting at the left side of the plate. With the right feed guide in the inner position the printer will print with a 3.4mm margin. With the right feed guide in the outer position the margin is 30mm.

Unit: The Unit of the input value of the Offset W/Offset H is changed to mm or inch.

Setting: You can save the settings for Offset Adjustment for frequently used layouts. This field displays your saved settings to choose from.

Delete: This button deletes a selected setting from the list.

Add: Press Add button to save the current setting in the list. Type a name with 64 characters or less. You can save up to 10 settings.

Reset: Bring back the default setting.

Ribbon Information

Update: Click this button to update the status of selected (checked) ink cartridges.

All: Click this button to select (check) all ink cartridges.

Note

For more detailed explanation on how the Offset adjustment works, see the Appendix A.

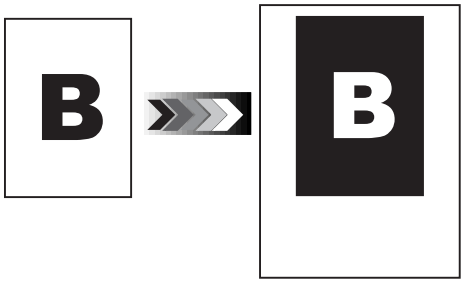
Negative Print

When the Negative Print check box is checked, the media size defined on the RIP (Setup Properties > General) will be inverted.

Caution

If you check this check box, do not use the invert feature available from Print menu of application that is described in the Chapter 3.

The following examples will illustrate the difference of the two invert functions; one from the Print menu of the application and the other from the RIP.



Invert feature of Print menu of the application (AdobePS):
The image size defined by the application will be inverted.

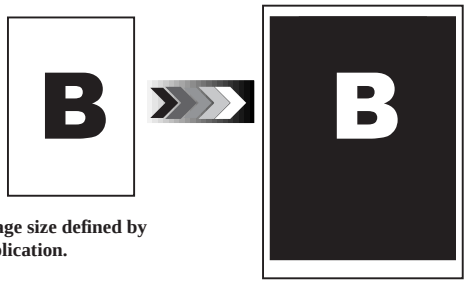


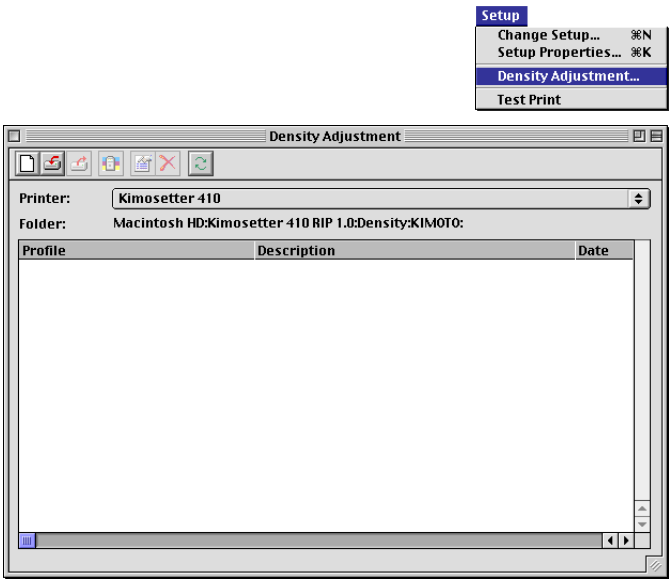
Image size defined by application.

Media size defined in General tab of the RIP

Invert feature by Driver Options of the RIP:
The media size defined in General tab will be inverted.

Density Curve Adjustment

The Density Curve Adjustment feature enables you to balance the print results of 2 or more Kimosetters. Choose Density Adjustment from Setup menu.



Function of each button

New Profile

Use this button to create new profiles (density curves). The created profile will be added into
Density Adjustment in the Print tab from the Setup Properties.

Import Profile

You can import profiles (density curves) using this button. Click the Import Profile button and then select the file to import it.

Export Profile

Use this button to export profiles (density curves). Select the profile and click the Export Profile button to export it.

Profile Properties

Use this button to edit profiles (density curves). Select the profile and click the Profile Properties button to display the Density Curve Adjustment dialog and to edit the density curve.

Delete Profile

Use this button to delete density files selected. Select the profile and click the Delete Profile button to delete.

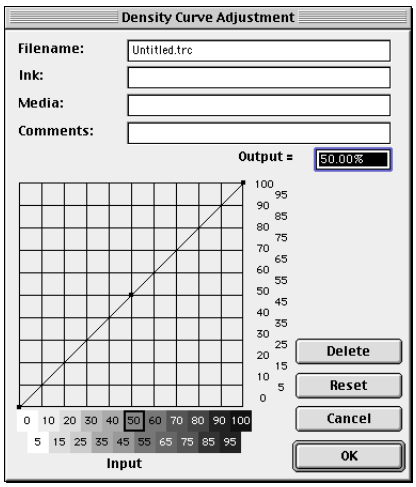
Refresh List

It is possible to update the list of Density Curve Adjustment files.

Create and Edit Density curve

Click the New Profile button to create a new profile.

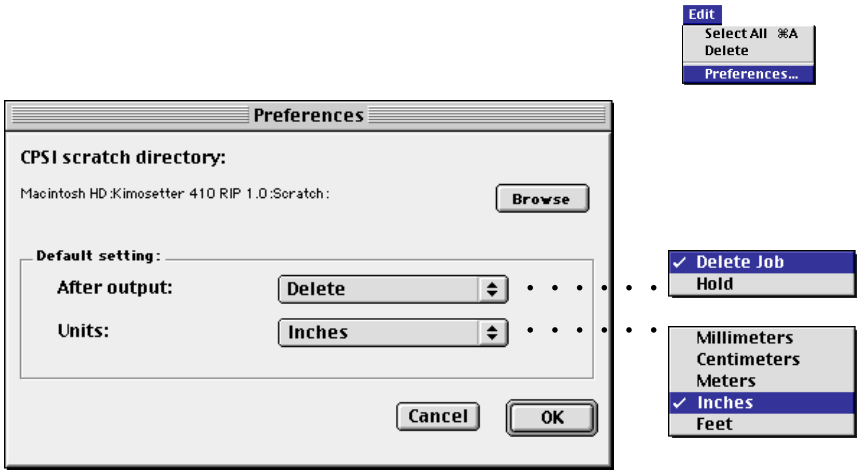
To edit the density curve, select profile in the Density Curve Adjustment dialog and click the Profile Properties button.



The vertical axis represents the output density for the input value on the horizontal axis. If you use the default setting, the density curve is a straight line and a 50% density input value read from the file will print at 50 % coverage. Drag the curve line to the new location by using the mouse to edit. After editing, input the file name and click OK.

Preferences

To change the following default setting, choose Preferences from Edit menu.



Browse: Locate the RIP scratch folder for temporary files created during RIPing. If you are using multiple hard disks, choose the one that has larger free disk space. Lack of free disk space may cause errors while RIPing a very large file.

After Printing: Specify whether you Delete or Hold jobs after printing.

Units: You can select a measurement unit which will be applied to the media size you select on 'Setup > Setup Properties > General > Media: Other' and to the Dimension in the Print Monitor. Available units are; millimeters, centimeters, meters, inches and feet.

Printing

There are two ways to print. One is to print without opening the application on which the file was created. The other is to send the print command from the application.

Printing files without opening the application on which they were created

The following file formats can be printed without opening the applications on which each file was created; JPEG, TIFF, PDF, PostScript and EPS.

Caution

- **The supported format of PDF and TIFF is up to Ver 1.2 and Ver 5.0 respectively. If you cannot print properly, open the file on its application and send print command from that application.**
- **A JPEG saved as CMYK Color Mode can be printed larger than a JPEG file saved in the application. The print sizes are as follows:**

  Horizontal: Horizontal pixels / 72 [inches]

  Vertical: Vertical pixels / 72 [inches]
- **Since page information is not included as data in JPEG, TIFF and EPS formats, images are printed justified to the left top corner.**
- **When printing JPEG, TIFF and EPS files, load the media that is larger than the Size shown on the Print Monitor.**

1. Start up RIP.

Double-click the Kimosetter 410 RIP 1.0 icon.

2. Verify the Setup Preferences of RIP.

Open the Setup Properties dialog box from Setup menu and verify the following.

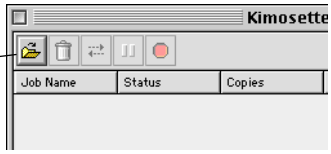
Media size in General tab

Printer name in Port tab

Quality (Screen ruling) in Print tab

3. Click Add job.

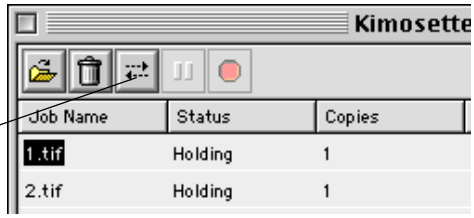
Click Add job from the Print Monitor.



4. Select the file to be printed.

Select file to be printed and click Open.

5. Click Print.



Select the job and click Send.

The newly added job will be listed on the Print Monitor with the status as Queue. If it is a PostScript file, the printing procedure is up to which option you have selected, Send or Hold, as After spooling on AdobePS Driver. ('File > Send > Printer specific options > After spooling')

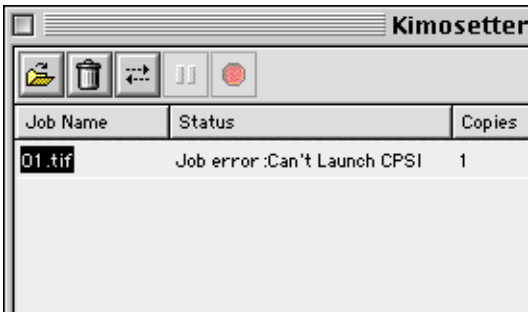
To print jobs of Queue status, select the files and click Send.

Note

You can drag and drop the jobs to be added to the Print Monitor window directly.

Caution:

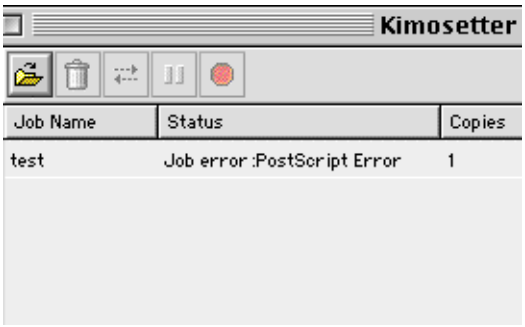
- **If the Status of the Print Monitor shows the following messages when adding jobs, please terminate RIP. Next, select About This Computer from the Apple Menu to confirm the current status of the memory. Please secure memory by closing any applications you are not using.**



- **If the following message appears when processing RIP after adding jobs, check whether View RIP log is being displayed from the View menu.**

  %%[Error: VMerror; xxxx]%%

  If this message appears in the log file, perform RIP processing again after allocating more memory to the 'RIP Engine' in the 'Program' folder.



Printing from the application on which the file was created.

1. Create a file on your application program.

2. Start up RIP and setup properties.

Open the Setup Properties dialog box from Setup menu to check the following settings.

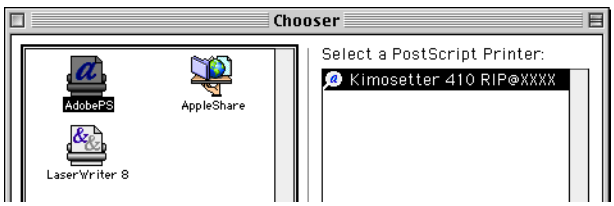
Media size in General tab

Printer name in Port tab

Quality (Screen ruling) in Print tab

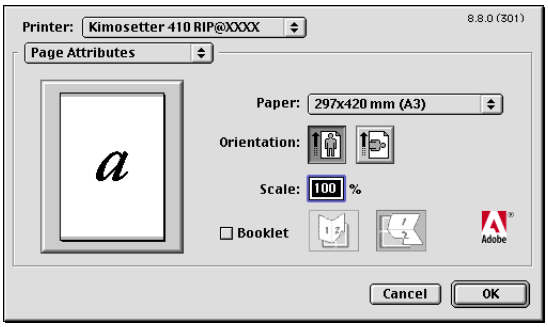
3. Confirm Kimosetter 410@xxxx in Chooser.

Open Chooser from the Apple Menu to select AdobePS. Select Kimosetter 410@xxxx (your computer name will be displayed on xxxx.) from Select a PostScript Printer.



4. Select Page Setup from the File menu.

Choose an appropriate media size and orientation, then click OK.



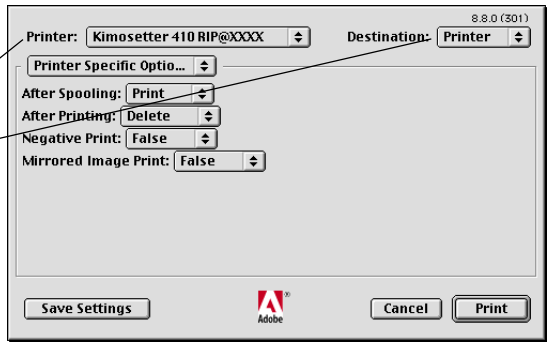
Caution

The Invert image feature from the pop-up menu PostScript Options is not valid. If you want to invert the image (to negative), go to Print dialog box. 'File > Print > Printer Specific Options' choose True from Negative print pop-up menu.

5. Go to File > Print

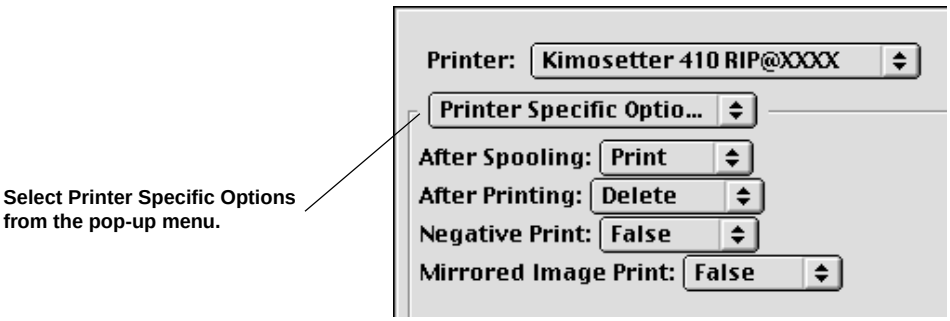
Go to File > Print in the application to display the Print dialog box.

Confirm the folling item
Printer: Kimosetter 410@xxxx,
Destination: Printer



Note

It is possible to edit the settings by selecting Printer Specific Options from the pop-up menu.


Select Printer Specific Options from the pop-up menu.
Printer: Kimosetter 410 RIP@XXXX
Printer Specific Optio...
After Spooling: Print
After Printing: Delete
Negative Print: False
Mirrored Image Print: False

After Spooling: Set what to do with the job after adding it into the Print Monitor.

After printing: Specify what to do with the job after printing.
Hold and Delete can be selected.

The right and left: The right and left reverses when Mirrored Image Print is made True and it prints.

Negative Print: Option is either True or False. If you choose True, the print image will be inverted to negative output.

6. Click Print.

Click Print in the Print dialog box to start printing.

To print from PageMaker 7.0

1. Create data with the PageMaker 7.0.

2. Set Kimosetter 410 RIP 1.0.

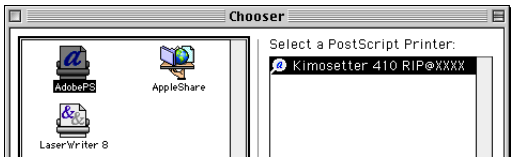
Check the settings for each tab.

General: Media Size

Port: confirm that the printer name is displayed in the Printer list.

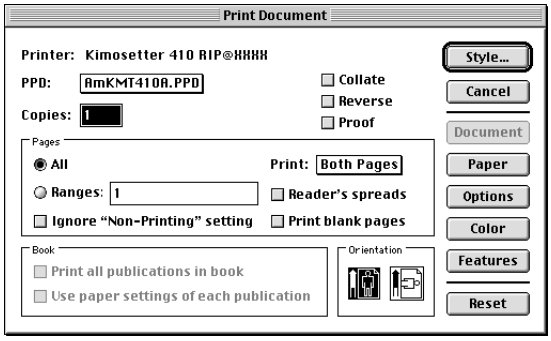
Print: Quality

After confirming the information for each tab, click OK. Open Chooser from the Apple Menu to select AdobePS. Select Kimosetter 410@xxxx (your computer name will be displayed on xxxx.) from Select a PostScript Printer.



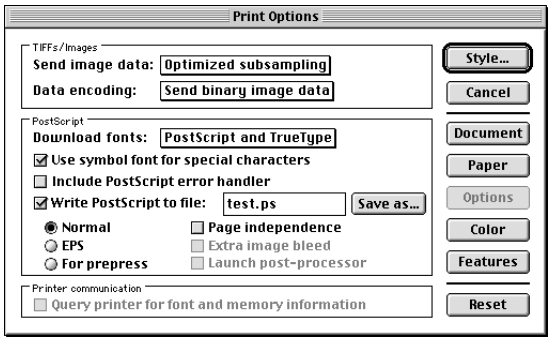
3. Select Print from the File menu.

Confirm that the format is 'AmKMT410A.PPD'.



4. Select Options.

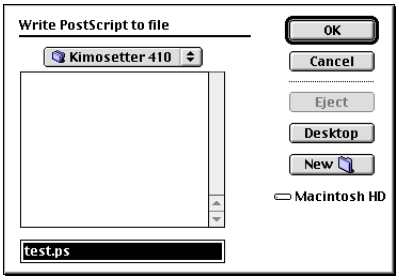
Check the box for Write PostScript to file.



5. Select Save as.

5-1. Printing from the computer in which RIP is installed.

Click Save as to set 'Kimosetter 410 RIP 1.0 > Jobs > Kimosetter 410'. Click OK.



5-2. Printing from a Client Computer.

Click the Save as button and select the desired folder or the desktop as location, then click OK.

6. Execute settings.

Execute settings such as paper setting.

Caution

In Print Color dialog, designating the Negative function is invalid. Please select Negative in the Features to print in reverse printed.

7. Start printing.

7-1. Printing from the computer in which RIP is installed.

Click Save after the settings have been completed.

7-2. Printing from a Client Computer.

Drag and drop the PostScript file to the desktop icon Kimosetter 410@xxxx (your computer name will be displayed on xxxx.)

Appendix A About Offset Adjustment

This version 1.0 enables you to shift the position of the image on the media using the Offset Adjustment feature.

The "Print Image" here refers to the size of image that you specify as "media size" on the application (or AdobePS Driver), or such graphic image files as TIFF, JPEG etc.

The "output media" here refers to the physical size of the media you set to the Kimosetter.

Please make sure that the media size you select from RIP menu (General > Media size) is the same as the output media.

The default setting will put the image on the media in the following way.

1. Print image = Output media

If the print image is the same as the output media, the upper left corner of the print image will come to the upper left corner of the media.However, the actual print size is within the printable area of the media. (Non printable margin of the media is 3.4mm x at the left and right, 12mm at the top and 15mm at the bottom for the media size 330.2mm (W) x 510.0mm (H) or smaller. For the width larger than this, the non printable margin at the right side will be extended. For example, the right margin will be 13.2mm for the media width of 340mm. For details see the section on 'Printable Area' on the Appendix C for Windows of the User's Manual of Kimosetter 410.)

2. Width of print image < Width of printable area

If the width of the print image is smaller than the width of the printable area, the left edge of the print image comes to the left edge of the printable area (3.4mm from the edge of the media).

3. Height of print image < Height of printable area

If the height of print image is smaller than the height of the printable area, the upper edge of the print image will come to the upper edge of the printable area (12mm from the top of the media).

4. Width and Height of print image < Width and Height of printable area

If the width and height of the print image is smaller than the width and height of the printable area, the upper left corner of the print image will come to the upper left corner of the printable area (3.4mm from the left, 12mm from the top).

5. Width of print image > Width of printable area

If the width of the print image is wider than the width of the printable area, it is printed so that the center line of the print image width may cross the center point of the media.

6. Height of print image > Height of printable area

If the height of the print image is longer than the height of the printable area, it is printed so that the center line of the print image height may cross the center point of the media.

7. Width and Height of print image > Width and Height of printable area

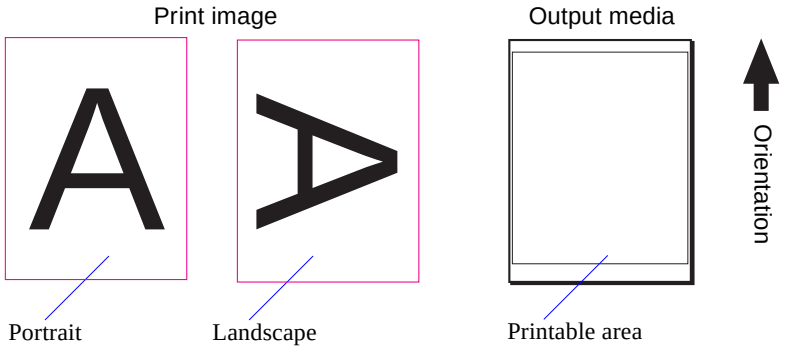
If the width and height of the print image is bigger than the width and height of the printable area, it is printed so that the center of the print image may come to the center of the media.

In the above cases of 5, 6 and 7, however, the actual print size is within the printable area of the media.

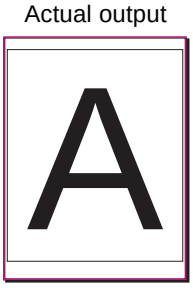
With the offset adjustment feature on, you can adjust the position of image on the media. Here are some examples with illustrations.

Please note that the actual print size is within the printable area of the media.

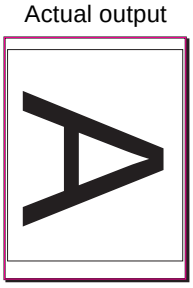
(1) Print image = Output media



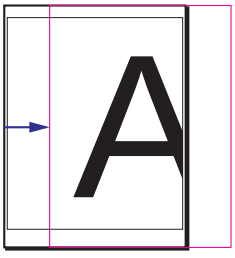
Print Image: Portrait
Offset Adjust: OFF
or
Offset Adjust: ON
Offset W: 0mm
Offset H: 0mm



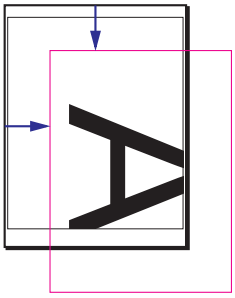
Print Image: Landscape
Offset Adjust: OFF
or
Offset Adjust: ON
Offset W: 0mm
Offset H: 0mm



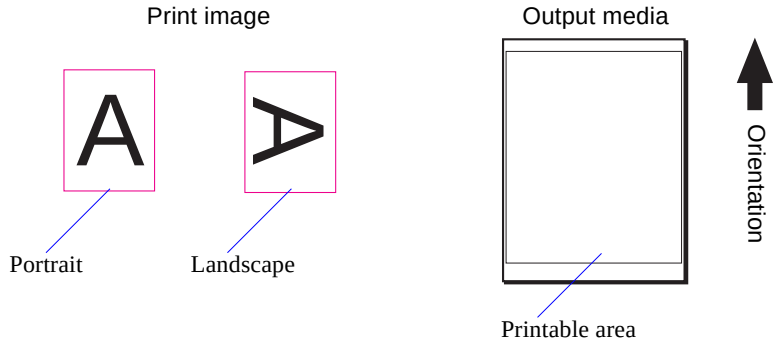
Print Image: Portrait
Offset Adjust: ON
button: ON
Offset W: 30mm
Offset H: 0mm
The left side of the print image is shifted to the right by 30mm.



Print Image: Landscape
Offset Adjust: ON
button: ON
Offset W: 30mm
Offset H: 30mm
The print image is shifted to the right by 30mm and downward by 30mm.

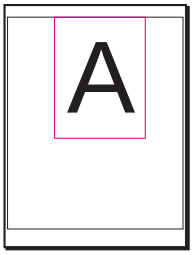


(2) Print image < Output media



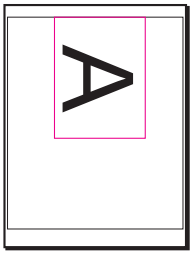
Print Image: Portrait
Offset Adjust: OFF
or
Offset Adjust: ON
button: ON
Offset W: 0mm
Offset H: 0mm
The image will be centered horizontally starting from the top of the printable area leaving 12mm non-printable margin.

Actual output



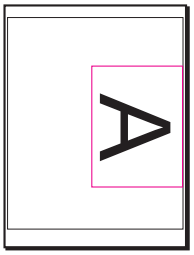
Print Image: Landscape
Offset Adjust: OFF
or
Offset Adjust: ON
button: ON
Offset W: 0mm
Offset H: 0mm
The image will be centered horizontally starting from the top of the printable area leaving 12mm non-printable margin.

Actual output



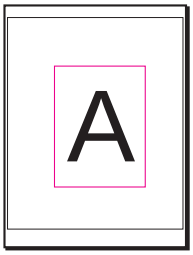
Print Image: Landscape
Offset Adjust: ON
button: ON
Offset W: 0mm
Offset H: 0mm
The image will be centered vertically at the right side of the printable area leaving 3.4mm non-printable margin.

Actual output



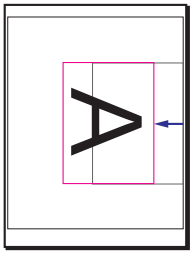
Print Image: Portrait
Offset Adjust: ON
button: ON
Offset W: 0mm
Offset H: 0mm
The print image will be centered in the media.

Actual output



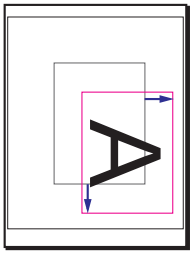
Print Image: Landscape
Offset Adjust: ON
button: ON
Offset W: -30mm
Offset H: 0mm
The image will be shifted to the left by 30mm from the position of the above example.

Actual output



Print Image: Landscape
Offset Adjust: ON
button: ON
Offset W: 30mm
Offset H: 30mm
The image will be shifted to the right by 30mm and downward by 30mm from the center positon of the media.

Actual output



Caution

The maximum shift value of offset W is 150 (from -150mm to 150mm).

The maximum shift value of offset H is 250 (from -250mm to 250mm).

Appendix B List of Fonts

This is a list of fonts that come with Kimosetter 340 RIP 2.0 in their output style.

Albertus MT Light
Albertus MT
Albertus MT Italic
Antique Olive
Antique Olive Italic
Antique Olive Bold
Antique Olive Compact
Apple Chancery
Arial
Arial Italic
Arial Bold
Arial Bold Italic
Bodoni
Bodoni Italic
Bodoni Bold
Bodoni Bold Italic
Bodoni Poster
Bodoni Poster Compressed
Carta
Chicago
Clarendon Light
Clarendon Roman
Clarendon Bold
Cooper Black
Cooper Black Italic
COPPERPLATE GOTHIC
THIRTY TWO BC
COPPERPLATE GOTHIC
THIRTY THREE BC
Coronet
Courier
Courier Oblique
Courier Bold
Courier Bold Oblique
Eurostile Medium
Eurostile Bold
Eurostile Extended Two
Eurostile Bold Ext Two
Geneva
Gill Sans Light
Gill Sans Light Italic
Gill Sans
Gill Sans Italic
Gill Sans Bold
Gill Sans Bold Italic
Gill Sans Extra Bold
Gill Sans Condensed
Gill Sans Bold Condensed
Goudy
Goudy Italic
Goudy Bold
Goudy Bold Italic
Goudy Extra Bold
Helvetica
Helvetica Oblique
Helvetica Bold
Helvetica Bold Oblique
Helvetica Condensed
Helvetica Condensed Oblique
Helvetica Condensed Bold
Helvetica Condensed Bold Oblique
Helvetica Narrow
Helvetica Narrow Oblique
Helvetica Narrow Bold
Helvetica Narrow Bold Oblique
Hoefler Text
Hoefler Text Italic
Hoefler Text Black
Hoefler Text Black Italic
Hoefler Text Ornaments

Joanna MT
Joanna MT Italic
Joanna MT Bold
Joanna MT Bold Italic
Letter Gothic
Letter Gothic Slanted
Letter Gothic Bold
Letter Gothic Bold Slanted
ITC Avant Garde Gothic Book
ITC Avant Garde Gothic Book Oblique
ITC Avant Garde Gothic Demi
ITC Avant Garde Gothic Demi Oblique
ITC Bookman Light
ITC Bookman Light Italic
ITC Bookman Demi
ITC Bookman Demi Italic
ITC Lubalin Graph Book
ITC Lubalin Graph Book Oblique
ITC Lubalin Graph Demi
ITC Lubalin Graph Demi Oblique
ITC Zapf Chancery Medium Italic
ITC Zapf Dingbats ❁✪✪✳❑❍➪①②
ITC Mona Lisa Recut
Marigold
Monaco
New Century Schoolbook
New Century Schlbk Italic
New Century Schlbk Bold
New Century Schlbk Bold Italic
New York
Optima
Optima Italic
Optima Bold
Optima Bold Italic
Oxford
Palatino
Palatino Italic
Palatino Bold
Palatino Bold Italic
Stempel Garamond
Stempel Garamond Italic
Stempel Garamond Bold
Stempel Garamond Bold Italic
Symbol αβχδABXΔ♥♦♣♠⇑⇒∉∞
Tekton
Times
Times Italic
Times Bold
Times Bold Italic
Times New Roman
Times New Roman Italic
Times New Roman Bold
Times New Roman Bold Italic
Univers 45 Light
Univers 45 Light Oblique
Univers 55
Univers 55 Oblique
Univers 65 Bold
Univers 65 Bold Oblique
Univers 57 Condensed
Univers 57 Condensed Oblique
Univers 67 Condensed Bold
Univers 67 Condensed Bold Oblique
Univers 53 Extended
Univers 53 Extended Oblique
Univers 63 Extended Bold
Univers 63 Ext Bold Oblique
Wingdings ♋♌♍♎♏🖒☺☝🖬🗀

Install program for Kimosetter RIP for the use in Mac OS X Classic environment

To run the RIP in OS X your Macintosh should be connected to the LAN. This is necessary to activate AppleTalk. If you are using your Macintosh as standalone, just get a hub and a LAN cable; connection to a hub without any other computers on the LAN can also activate AppleTalk.

Fresh installation of Mac RIP on OS X Classic environment

If you have already installed Mac RIP on your Macintosh (for example, you had once installed Mac RIP on Mac OS 9.x and have upgraded to OS X 10.3.x), you can skip this section and can go to "computer name for Mac OS X and Classic environment".

1. Fresh installation of Mac RIP

You need the CD of Kimosetter 410 RIP 1.0.

1-1. Insert the CD in your Macintosh

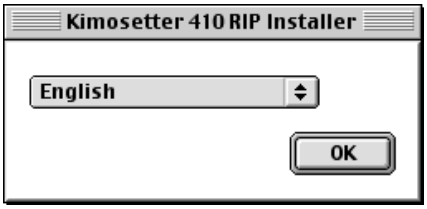
When the CD is inserted, an icon of "Kimosetter 410 RIP 1.0 CD" will appear. Double click the icon.

1-2. Double click the Kimosetter 410 RIP Installer icon.

The icon of "Kimosetter 410 RIP Installer" is located in the folder of "Kimosetter 410 RIP 1.0 CD". Double click this icon, and Classic environment will open automatically.

1-3. Select language

The Kimosetter 410 RIP Installer dialog appears, select English from the popup menu as a support language of the installer, and click the OK button. When asked a User ID, enter the one on the sticker on the CD case.

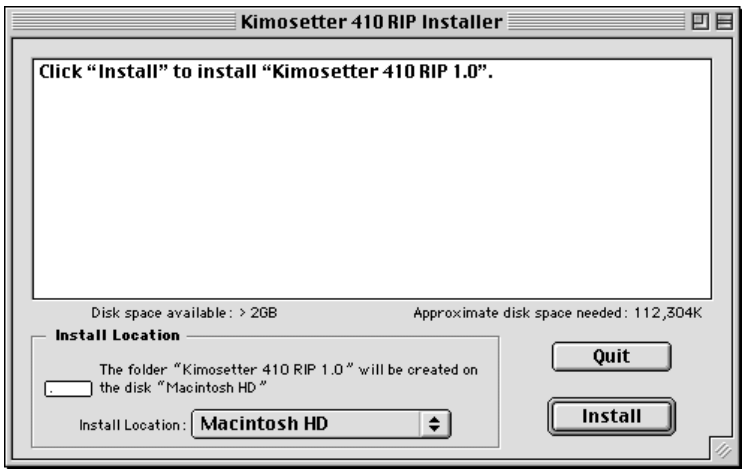


1-4. Confirm the product name and language

The Installation Option dialog appears. Select English from the popup menu as a support language of the RIP, and click OK.

1-5. Select install location

Select install location and click OK.

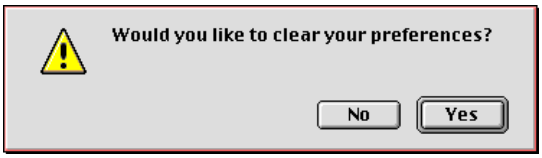

Kimosetter 410 RIP Installer
Click "Install" to install "Kimosetter 410 RIP 1.0".
Disk space available: > 2GB
Approximate disk space needed: 112,304K
Install Location
The folder "Kimosetter 410 RIP 1.0" will be created on the disk "Macintosh HD"
Install Location:
Macintosh HD
Quit
Install

Caution

The install location should be the volume (disk or partition) where Classic system is installed.

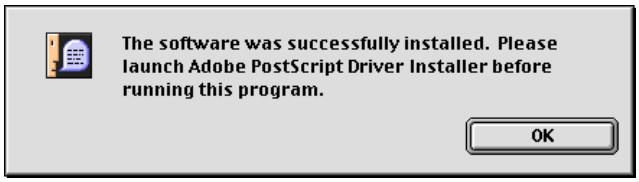
1-6. Clear preferences

A message asks you if you would like to clear the 'Kimosetter 410 RIP 1.0' preferences. Click Yes.



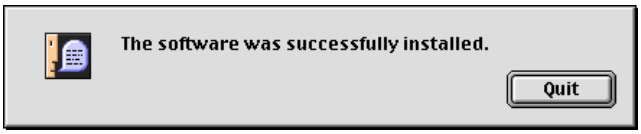
1-7. Confirm the message

A message will appear that prompt you to install 'Adobe PostScript Driver' Click OK.


The software was successfully installed. Please launch Adobe PostScript Driver Installer before running this program.
OK

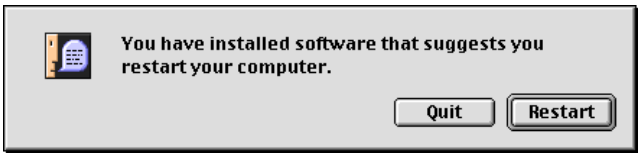
1-8. Finish installation

The message tells you that the installation has been completed. Click Quit.



Caution

If a message for restart appears, do not restart and click Quit. Restart after installation of Adobe PostScript Driver finishes.



1-9. Install 'Adobe PostScript Driver'

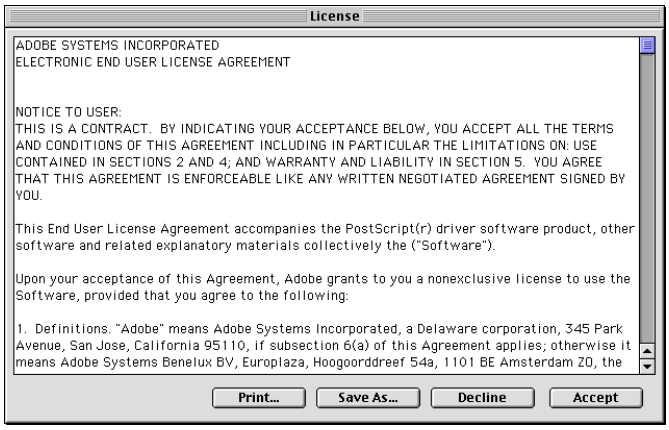
Open the 'AdobePS Installers' folder in the CD and double-click the 'AdobePS Installer' icon.

Note

The Adobe PostScript Driver in the CD is AdobePS 8.6. If this has already been installed, it is not necessary to re-install.

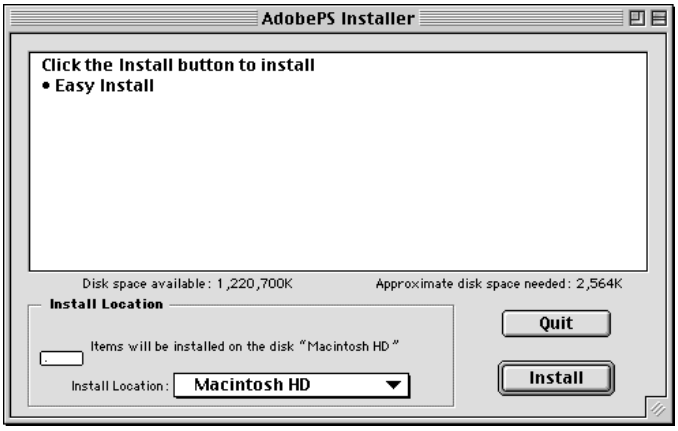
1-10. Read license agreement

When CONTINUE is clicked, the end user license agreement appears. If you accept the contents, click Accept.


License
ADOBE SYSTEMS INCORPORATED
ELECTRONIC END USER LICENSE AGREEMENT
NOTICE TO USER:
THIS IS A CONTRACT. BY INDICATING YOUR ACCEPTANCE BELOW, YOU ACCEPT ALL THE TERMS AND CONDITIONS OF THIS AGREEMENT INCLUDING IN PARTICULAR THE LIMITATIONS ON: USE CONTAINED IN SECTIONS 2 AND 4; AND WARRANTY AND LIABILITY IN SECTION 5. YOU AGREE THAT THIS AGREEMENT IS ENFORCEABLE LIKE ANY WRITTEN NEGOTIATED AGREEMENT SIGNED BY YOU.
This End User License Agreement accompanies the PostScript(r) driver software product, other software and related explanatory materials collectively the ("Software").
Upon your acceptance of this Agreement, Adobe grants to you a nonexclusive license to use the Software, provided that you agree to the following:
1. Definitions. "Adobe" means Adobe Systems Incorporated, a Delaware corporation, 345 Park Avenue, San Jose, California 95110, if subsection 6(a) of this Agreement applies; otherwise it means Adobe Systems Benelux BV, Europlaza, Hoogoorddreef 54a, 1101 BE Amsterdam ZO, the
Print...
Save As...
Decline
Accept

1-11. Select install location

Select install location and click OK.



Caution

The install location should be the volume (disk or partition) where Classic system is installed.

1-12. Finish installation and restart

The message tells you that the installation has been completed. Click Restart. This will restart Classic environment only.

Installation was successful. If you are finished, click Quit to leave the Installer. If you wish to perform additional installations, click Continue.
Continue
Quit

Installation was successful. You have installed software which suggests you restart your computer. If you are finished, click Restart, or click Quit to leave the Installer. If you wish to perform additional installations, click Continue.
Continue
Quit
Restart

2. To install screen fonts

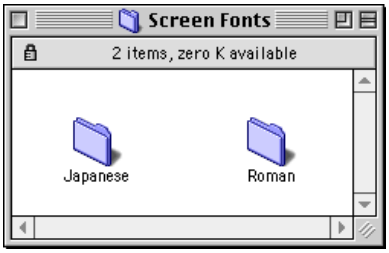
When the Kimosetter 410 RIP 1.0 was installed, 117 typestyles of Adobe Type 1 and 19 typestyles of TrueType were automatically installed in the folder of the RIP program. In order to use these fonts in the application you have to install their screen fonts in the system folder using PS3 Fonts Installer.

Caution:

- **If your Macintosh System folder already has the TrueType screen fonts of Times, Helvetica, Courier and Symbol, the installer will replace them with their Adobe Type 1 version.**
- **In the default setting, AdobePS driver will substitue the folllowing 3 fonts; Times for New York, Helvetica for Geneva, Courier for Monaco. I fyou do not want to substitute these fonts, uncheck 'Substitute Fonts' in the 'PostScript Options' tab in the Page Setup menu.**

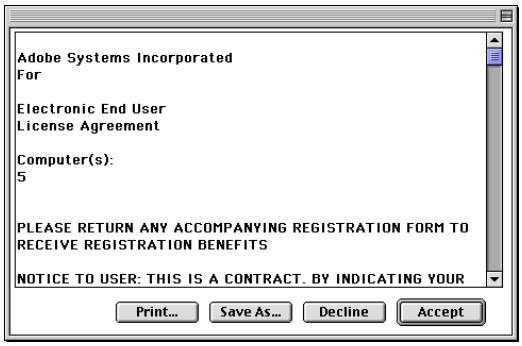
2-1. Open 'Roman' folder in the 'Screen Fonts' folder

Double-click 'PS3 Fonts Installer' icon.



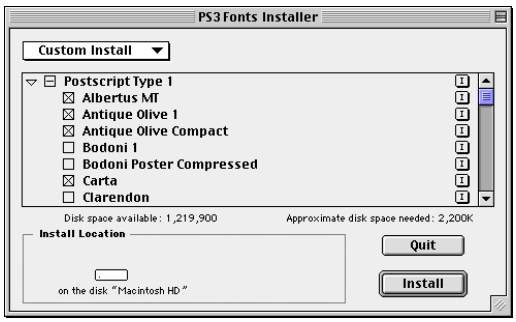
2-2. Read license agreement

The Electronic End User License Agreement appears. If you accept the terms, click Accept.



2-3. Select fonts to install

Select 'Custom Install' and check the the fonts to install. Click OK.



Caution

'Easy Install' allows you to install all the fonts. Select 'Custom Install' to install specified fonts you will be using.

2-4. Restart

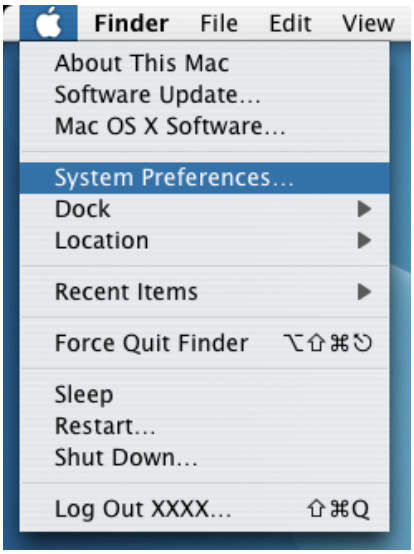
A message will appear telling that the installation was successful and prompts you to restart. Click Restart, and Classic environment will restart. If the Restart button will not work, select Quit from File menu.

Computer name for Mac OS X and Classic environment

To run the Kimosetter 410 RIP 1.0 on a Mac with OS X the Computer Name on both OS X and Classic environment should be the same.

1. Open System Preferences

Select 'System Preferences' from Apple Menu of OS X.



2. Open 'Sharing'

In the System Preferences window, double-click the icon of Sharing.

3. Enter a name

Enter a name in the Computer Name field.

4. Quit the System Preferences

Close the window to quit the System Preferences.

5. Activate Classic environment

Start a Classic application, such as 'Simple Text', to activate Classic environment.

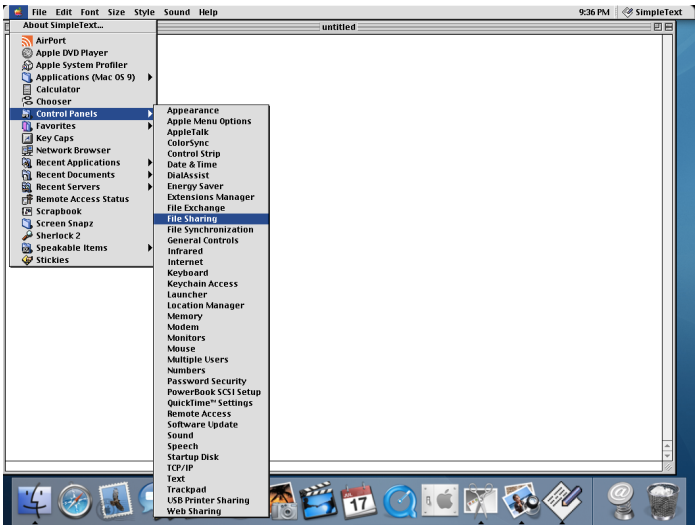
Caution

A message may appear that prompts you to update necessary files. Click Update.

Classic needs to update files in "System Folder" on "Macintosh HD".
These files will not affect starting your computer from this system folder.
Quit
Update

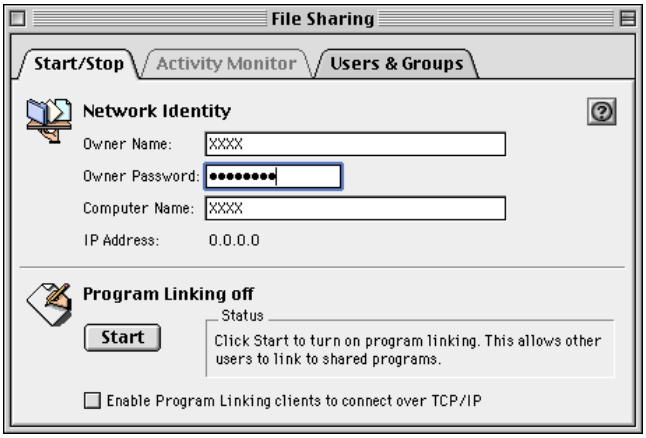
6. Open 'File Sharing'

Select Apple Menu > Control Panel > File Sharing



7. Give the same name

Enter the same name as you did in OS X System Preferences.



8. Quit File Sharing

Close the File Sharing window to quit Control Panel.

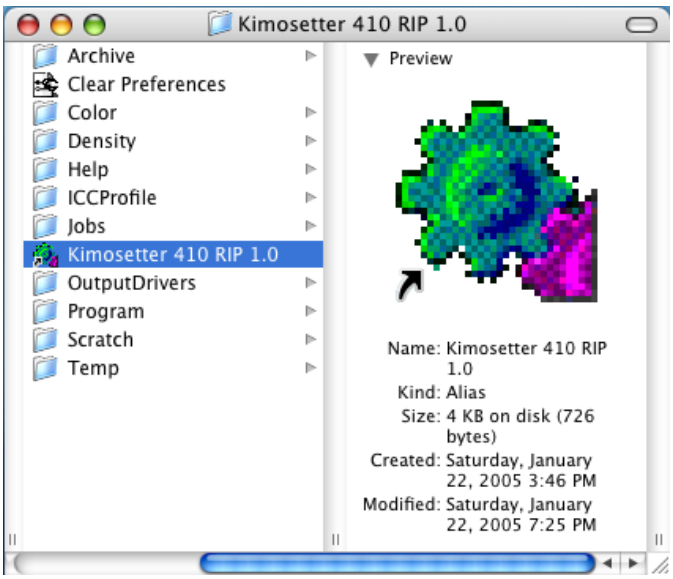
To set up the printer

1. Start up RIP

Double -click the Kimosetter 410 RIP 1.0 icon.

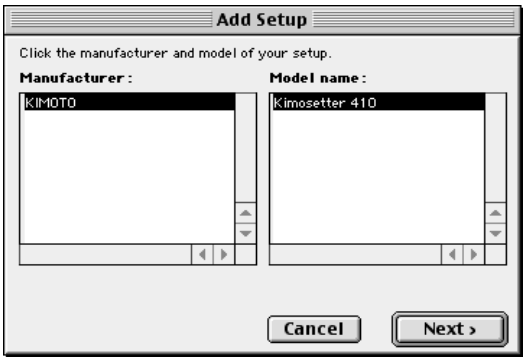
Caution

If the Kimosetter 410 RIP 1.0 icon does not appear on the desktop of OS X, locate the icon in the folder of Kimosetter 410 RIP 1.0.



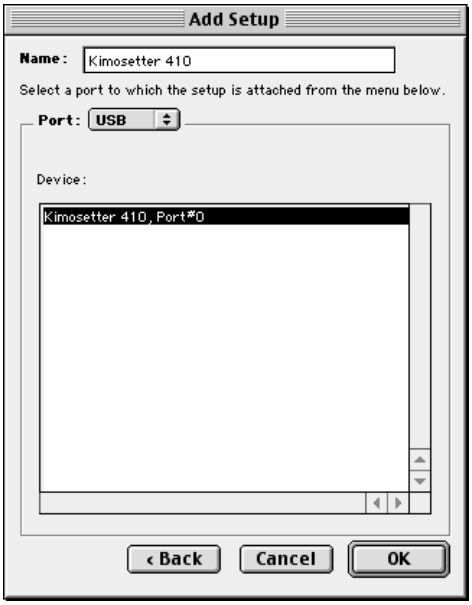
2. Select a mode name

Select Kimosetter 410 and click Next.



3. Choose port

Choose 'USB port' in the Port field and a list of printers connected to your Mac will be displayed. Select the printer to use and click OK.

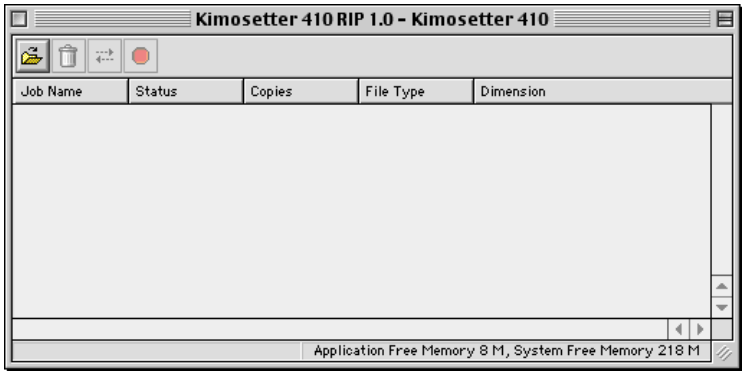


Caution

You are recommended to use the default name.

4. Confirm RIP starts up

The Print Monitor appears.



5. Test print

It is recommended to check if the printer will print a test page correctly.

5-1. Install an ink cartridge

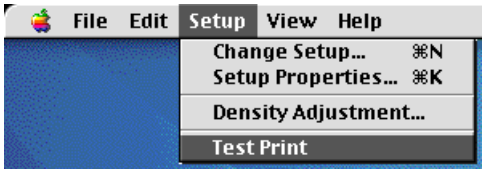
Install an appropriate ink cartridge as instructed in the User's Guide.

5-2. Load the media

Load Kimoplate e^2 in the feeder of Kimosetter 410 as instructed in the User's Guide. The media size required for this test page is 210 x 297mm or larger.

5-3. Perform test print

Choose Test Print from Setup menu, and the Kimosetter will start printing a test page. Check your printout.



Installation of Classic PPD Installer

1. Classic PPD Installer installs the PPD files to Mac OS X System.

1-1. Start Classic PPD Installer

Open the folder "Classic PPD Installer" on Kimosetter 410 RIP CD-ROM.

Double-click the icon of Classic PPD Installer.

1-2. Enter password in Authenticate dialog box

The root password is required. Click OK.

1-3. Installation starts

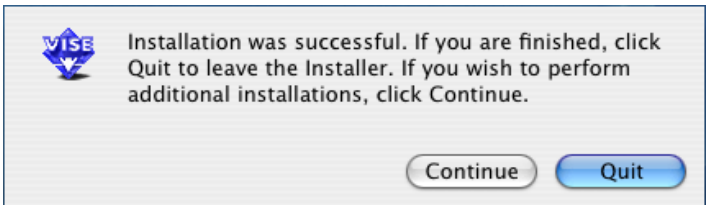
Classic PPD Installer dialog appears. Click Install.

If the install location shown is not the disk or partition where OS X system is installed, click Switch Disk to choose a correct Install Location.

This installation requires files to be installed in a System Folder. Please select the volume which has the System Folder you wish to install to.
Switch Disk
Macintosh HD
> 4GB of unused space
Cancel
Continue

1-4. Finish Classic PPD Installer

A message will appear telling the installation was successful. Click Quit.


Installation was successful. If you are finished, click Quit to leave the Installer. If you wish to perform additional installations, click Continue.
Continue
Quit

Selecting Kimosetter for Classic environment and for OS X

1. To print from Classic applications

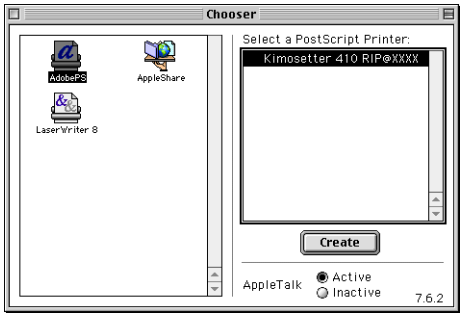
1-1. Open Chooser

Open Chooser from Apple menu > Chooser

1-2. Select a printer

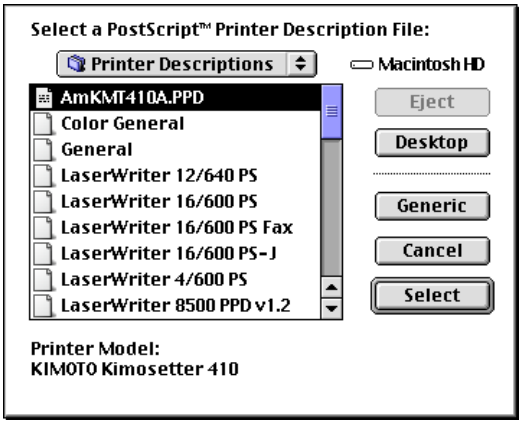
Click AdobePS icon. Select Kimosetter 410@XXXX in the list of 'PostScript Printer'.

Then click Create.



1-3. Select the PPD file

A dialog box will appear to select a PPD file. Select 'AmKMT410A.PPD' The PPD file is located in System folder > Extensions > Printer Descriptions. Click Select.

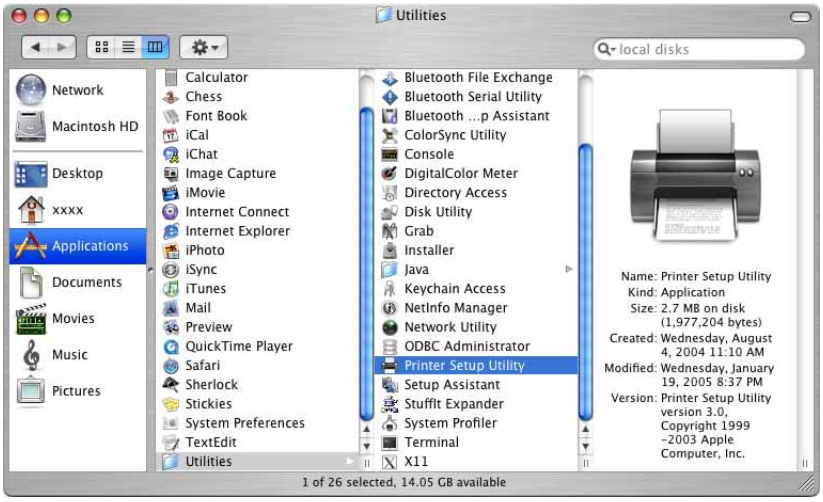


1-4. Quit Chooser

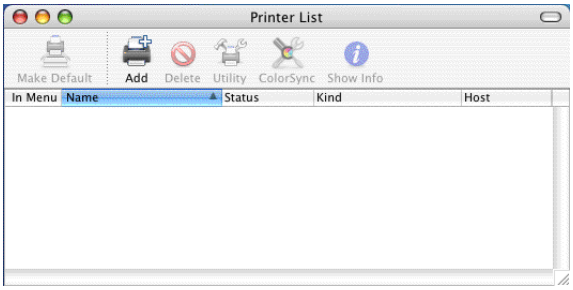
2. To print from OS X applications

2-1. Open Printer Setup Utilitiy

Location is Application > Utilites > Printer Setup Utility

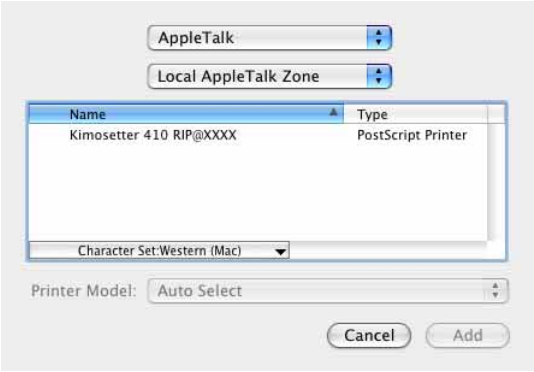


In the Printer List window click Add icon.



2-2. Select printer

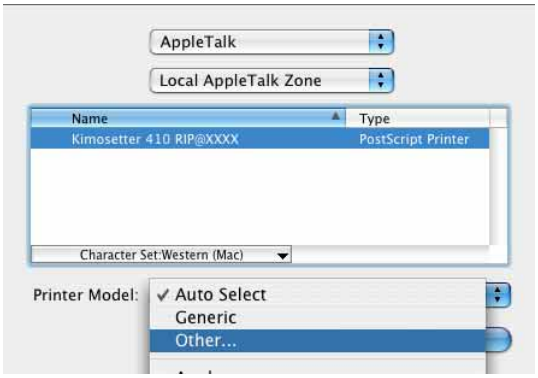
Select AppleTalk in the upper field. Kimosetter 410@XXXX will be displayed in the list.



When the printer is not displayed, restart the classic environment. Still when it is not displayed, set up the printer again.

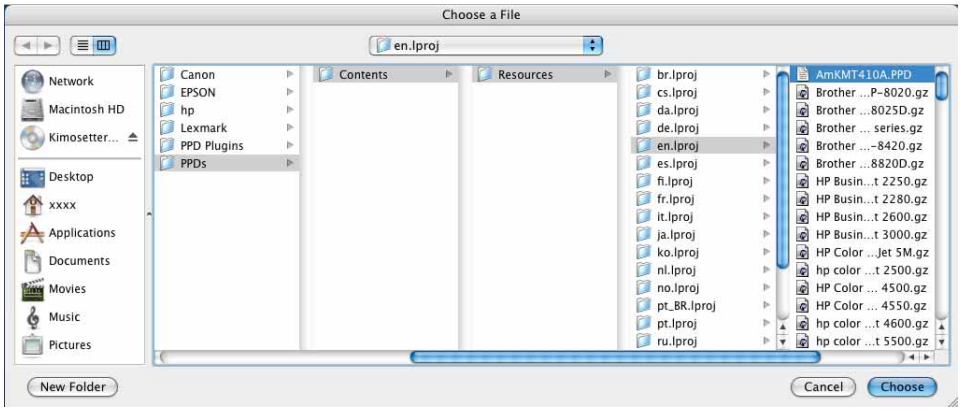
2-3. Select Printer Model

Select Kimosetter 410@XXXX. Select Other in the field of Printer Model.



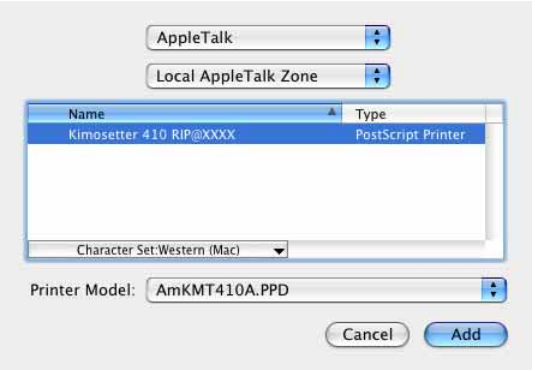
2-4. Select the PPD file

'Choose a File' dialog box appears. The file to select is AmKMT410A.PPD. It is located at HD > Library > Printers > PPDs > Contents > Resources > en.lproj. Click Choose.



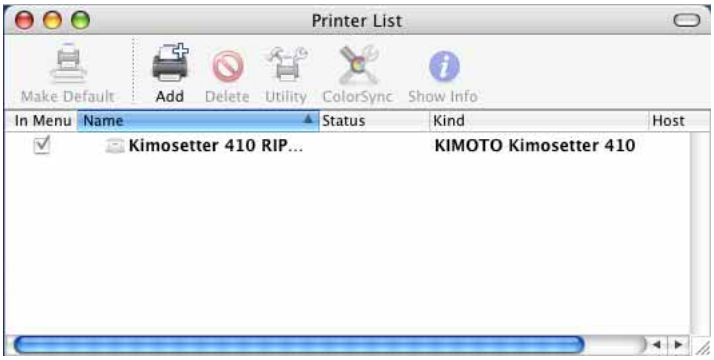
2-5. Click Add

AmKMT410A.PPD appears in the Printer Model field. Click Add.



2-6. Quit Printer Setup Utility

Once you have added Kimosetter 410 to Printer List, Kimosetter can be selectable from any OS X applications.



Printing

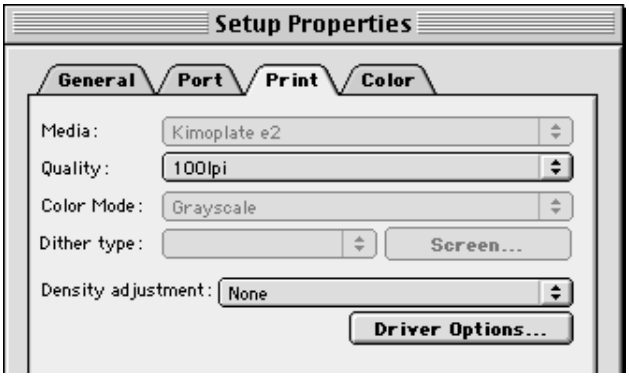
To print from classic applications, plese refer to the page 89 "Printing".

To print from OS X applications, follow the steps below.

1. Create or open a file on an OS X application

2. Setup of RIP

Activate Classic before starting up the RIP. From Setup menu open Properties. For the description on each tab, refer the Kimosetter 410 RIP 1.0 User's Guide. When finished, click OK.

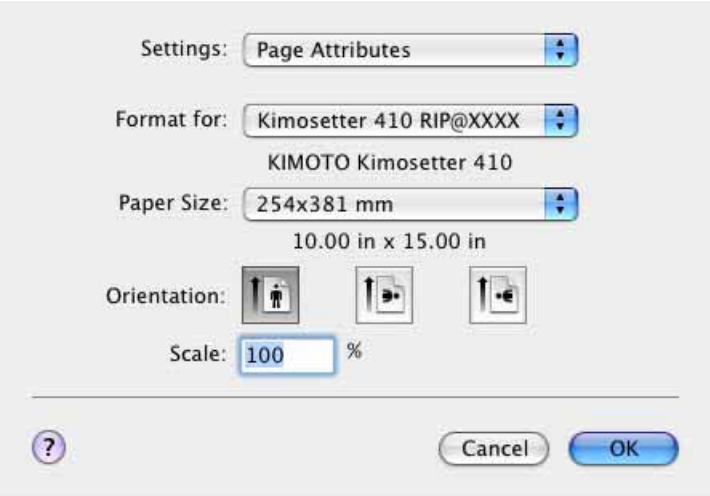


Caution

Finish Setup Properties before you add jobs.

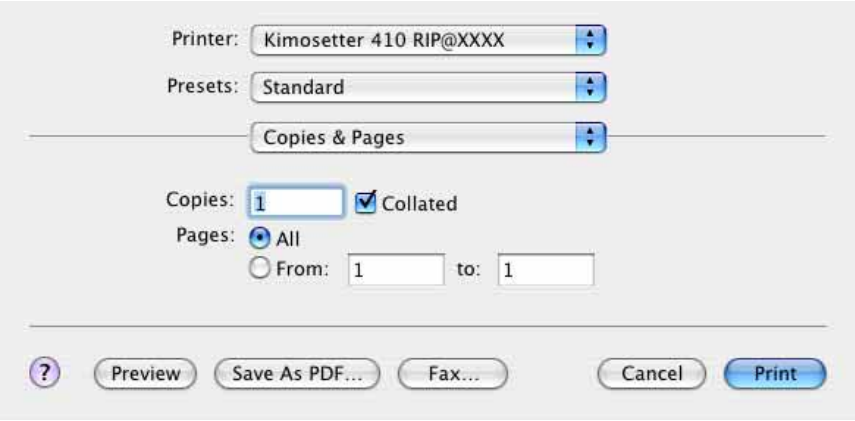
3. Select Page Setup in the OS X application

In the OS X application select Menu > Page Setup.Select a right size for Paper Size. Click OK.



4. Select File > Print in the application

Print dialog box will appear.



Note

Printer Features in the pop up menu allows you the following optional features.

After Spooling

Select whether you Print or Hold jobs after spooling

Hold: RIP processing will not commence

Print: RIP processing starts automatically and after RIPing printing will be carried out.

After Printing

Select whether you Hold or Delete the jobs after printing

Negative Print

To invert the image, check this check box.

Mirrored Image Print

To flip the image, check this check box.

6. **Click Print**

   Click Print to start printing.

Chapter 4
Appendix

The Appendix describes maintenance the basic specifications of the printer.

Cleaning the Printer

We recommend that this printer be cleaned periodically to ensure satisfactory long term operation.

Cleaning the Main Unit

Follow the cleaning steps described below.

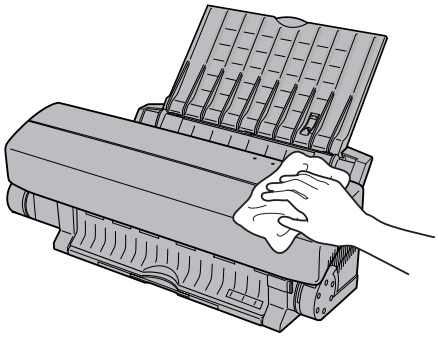
Caution

Make sure to turn off the printer before cleaning it.

1. Turn off the printer.

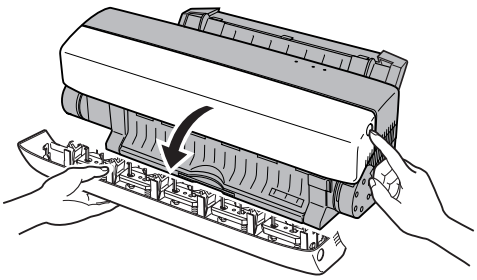
2. Clean the outside of the printer.

Use a soft cloth to wipe the outside of the printer to avoid the build up of dust and dirt.



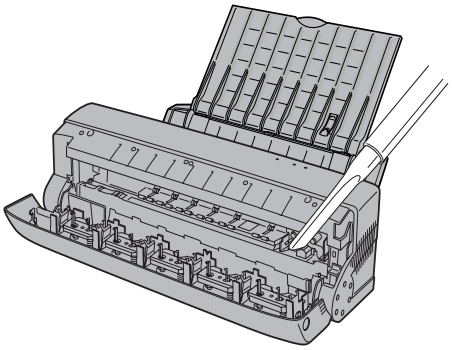
3. Clean the inside of the printer.

3-1. Push the front cover release button and gently lower the front cover.



3-2. Clean the inside of the printer.

Use a vacuume cleaner to remove dirt and dust.



Cleaning the Print Head

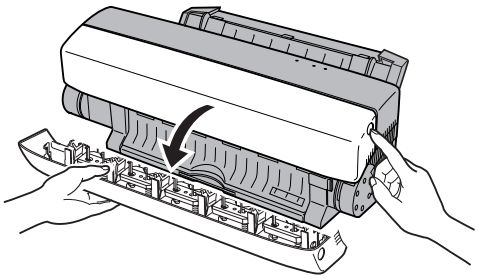
Follow the steps below, using ethyl alcohol and a cotton bud.

Caution

- **Make sure to turn off the printer before cleaning it.**
- **Do not use benzene, thinner, or other volatile materials, as they may damage the printer components.**
- **Do not get the inside of the printer wet.**

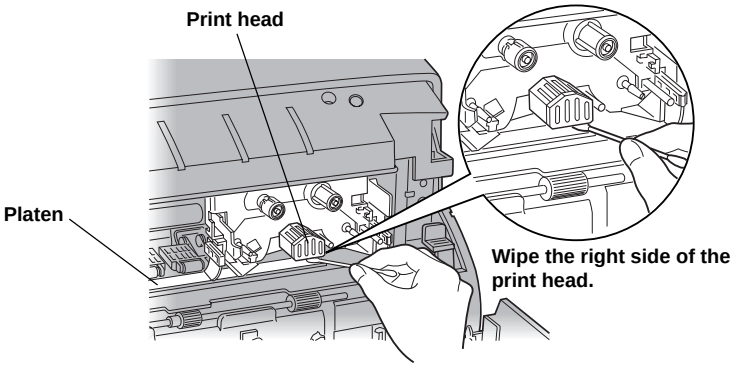
1. Turn off the printer.

2. Push the front cover release button and gently lower the front cover.



3. Wipe the print head with a cotton bud dipped in ethyl alcohol.

The print head may not come clean in one wipe so repeat several times.



Caution

- **Avoid getting alcohol on the platen.**
- **Wait until the alcohol dries before printing.**
- **When the white line by the gap of the ribbon is occured, wipe the left side as well as at the right saide.**

Cleaning the Platen

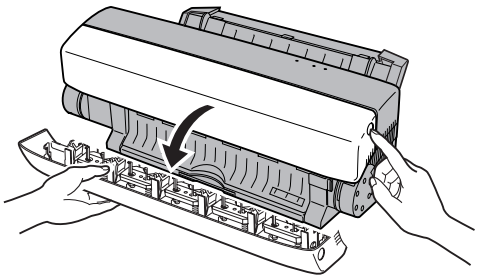
Use clear adhesive tape to clean the platen as described below.

Caution

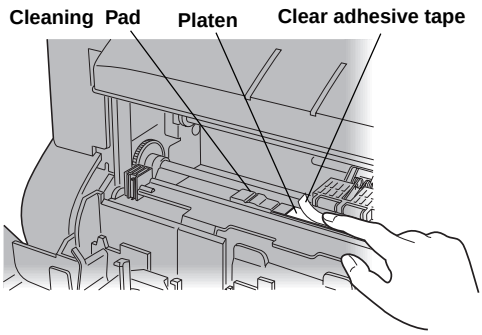
Make sure to turn off the printer before cleaning it.

1. Turn off the printer.

2. Push the front cover release button and gently lower the front cover.



3. Gently apply the tape to dirty spots on the platen, and rub your finger over the tape.

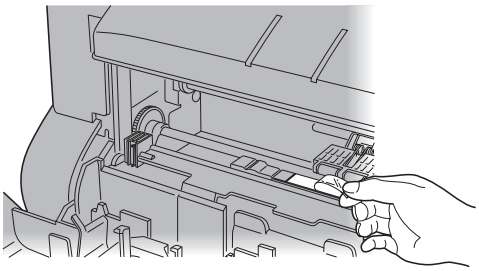


Caution

Do not touch or remove the cleaning pad on the left side of the platen. Doing so may damage the printer.

4. Slowly peel off the tape.

Repeat as necessary to remove dirt from the platen.



Cleaning the Feed Roller

Use ethyl alcohol and a cotton bud to clean the feed roller as described below.

Caution:

- **Do not use benzene, thinner, or other volatile materials, as they may damage the printer components.**
- **Do not get the inside of the printer wet.**

1. Turn off the printer.

2. Initialize the printer.

The printer must be initialized for cleaning the feed roller. Turn off the printer first, then press the Power button to turn on the printer.

3. Open the front cover.

Push the front cover release button and gently lower the front cover.

4. Secure the carriage.

Press the *ready/insert* button to move the carriage to the safety position.

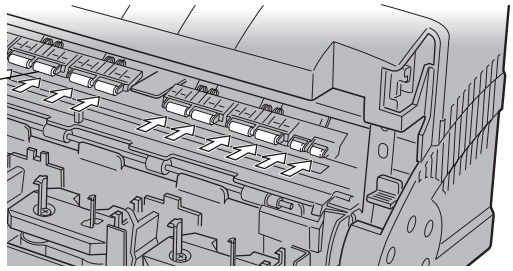
Caution:

Never reach into the printer. Doing so can result in a trapped hand as the carriage moves to the left, which can cause injury and/or mechanical trouble.

5. Clean the feed roller.

Wipe the feed roller (metal shaft roller) with a cotton bud dipped in ethyl alcohol, then wipe with the dry cloth. The feed roller may not come clean in one wipe, so repeat several times.

Wipe the feed roller (metal shaft roller) in contact with the small rollers (indicated in white in the figure).



Caution:

- **Avoid getting alcohol on the platen.**
- **Wait until the alcohol dries before printing.**

6. Turn the feed roller

Press the *ready/insert* button to turn the feed roller.

Wipe the feed roller (metal shaft roller) with tissue for except bacterium and a cotton bud.

7. Close the front cover

Close the front cover after you've finished cleaning the feed roller.

The printer will be ready for printing.

Cleaning the Transport Rollers

After frequent use, dust will accumulate on the transport rollers, which can result in failure in feeding media into the printer. When you notice signs of trouble in the media feed operation, clean the transport rollers by following the steps described below, with tissue for except bacterium and a cotton bud.

Caution:

- **Do not use benzene, thinner, or other volatile materials, as they may damage the printer components.**
- **Do not get the inside of the printer wet.**

1. Turn off the printer.

In preparation for cleaning the transport roller, turn off the printer to initialize.

2. Remove media.

Remove all the media from the sheet feeder.

3. Initialize the printer.

Turn on the printer, and make sure the *power* and *ready* lights are lit.

4. Open the front cover.

Push the front cover release button and gently lower the front cover while supporting it with a hand.

5. Set the printer to the cleaning mode.

Make sure the *error* light is blinking. Press and hold the *ready/insert* button, and the carriage will move to the left.

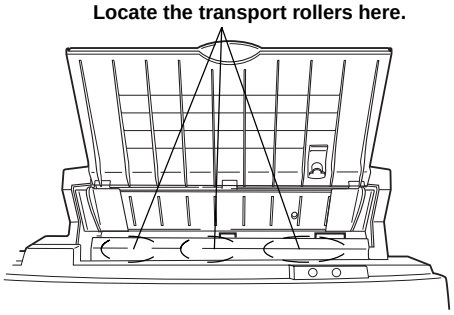
Caution:

Never reach into the printer. Doing so can result in a trapped hand as the carriage moves to the left, which can cause injury and/or mechanical trouble.

6. Locate the transport rollers.

Locate the five transport rollers adjacent to the cork pieces on the sheet feeder.

Locate the transport rollers here.



7. Clean the transport rollers.

While holding down the plate, wipe transport rollers clean with the alchol wet tissue.

In addition wipe the rest of dust with a cotton bud again. As the roller has some horizontal ditch, wipe it in horizontal direction.

In addition wipe the cork pieces on the sheet feeder with the alchol wet tissue, then wipe with the dry cloth.

8. Rotate the transport rollers.

Press and release the *ready/insert* button, and the transport rollers will rotate a certain amount. Repeat the cleaning process with a moistened cotton bud. Please note that the sheet feeder will come up as the rollers rotate.

Caution:

Never reach into the printer. Doing so can result in a trapped hand as the carriage moves to the left, which can cause injury and/or mechanical trouble.

9. Close the front cover.

The transport rollers will rotate in full after pressing the *ready/insert* button 25 or 26 times. When you have thoroughly cleaned the transport rollers, gently close the front cover.

ready / insert Button Functions

The *ready* / *insert* button is used for a variety of functions, depending on the printer status.

The functions during normal printing are described below.

- **Media feed and eject**

  Media feed

  When the media empty is detected, the media is fed by setting it and pressing the ready/insert button.

  Media eject

  If media is already in the printer and no data is being received (*ready* light is on), press the *ready / insert* button to eject the media.

- **Canceling an alarm**

  To cancel an alarm for anything other than a hardware or mechanism error, press the *ready / insert* button after the removing the cause of the alarm.

- **Forced printing and clearing data**

  When the data transfer from the computer stops for more than about 30 seconds, and the *ready* light is blinking quickly, press the *ready* / *insert* button to force the printer to print the data it has received so far.

Indicator Lights Summary

Indicator light status

Light	Light status	Printer status
power	☼	Ready for operation
	☼	Printing sample page
	●	Not ready for operation
ready	☼	Select mode (ready to print)
	☼	Deselect mode (not ready to print)
	☼	Receiving/processing data
error	☼	Printer error detected
	●	Normal

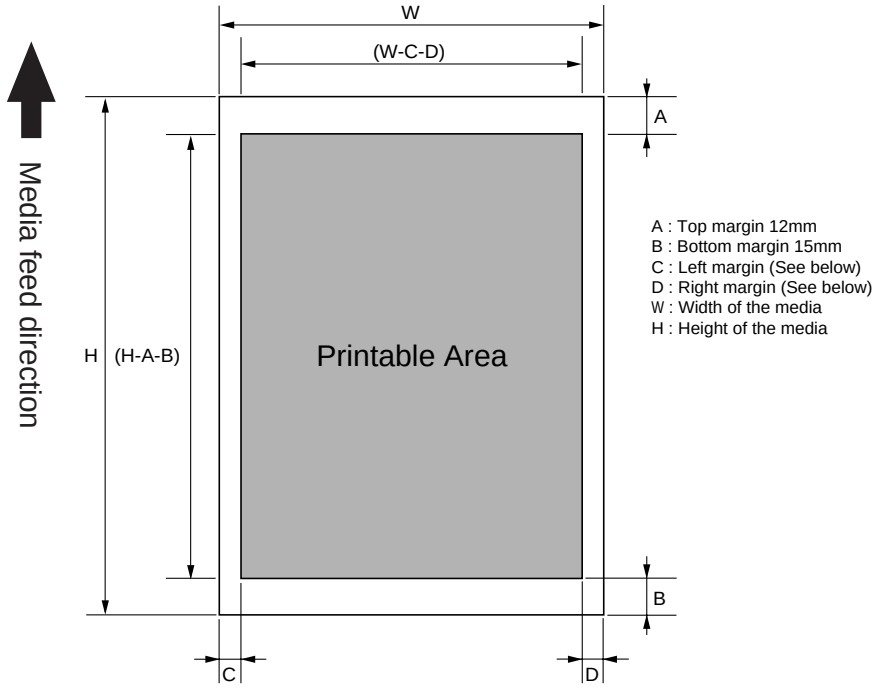
☼ = on ☼ = fast blinking ☼ = slow blinking ● = off

Specifications

General Specifications

Print head	240 dot
Printing speed	Equivalent to 120 cps (50 cps x 2.4 lines) (When printing 10-cpi text)
Resolution	1200 X 600 dpi
Media feed method	Friction feed
Media width	98mm - 410 mm (3.9"-16.1")
Media length	98mm - 510 mm (3.9"-20.6")
Max print area	323mm X 483mm (12.7" X 19.0")
Print media	Kimoplate e^2
Dimensions (mm) (inches)	Approximately568 (width) x 270 (depth) x 202 (height) Approximately 22.4" (width) x 10.6" (depth) x 8.0" (height)
Weight	9.8kg (21 lbs.)
Power supply	100-240 Vac 50/60Hz
Interface	USB
Head life	500 million pulses/dots
Machine life	printing;10,000 cycles
Noise	54 dB Maximum
Agency approvals	FCC Class B, UL, C-UL, CE
Operating environment	Temperature: 15°C to 30°C. (59 to 86°F) Humidity: 30% to 70% (without condensation or freezing)
Storage environment	Temperature: 0°C to 35°C (32 to 95°) Humidity: 30% to 70% (without condensation or freezing)

Kimosetter 410 Printable Area



Media Size	Left margin C	Right margin D
= With Feed guide "R" at left-most position =		
330 x 492mm (or smaller)	**3.4mm**	**3.4mm**
335 x 485mm	**3.4mm**	**8.2mm**
340 x 505mm	**3.4mm**	**13.2mm**
= With Feed guide "R" at right-most position =		
370 x 450mm	**30mm**	**16.6mm**
400 x 467 mm	**30mm**	**46.6mm**
404 x 483 mm	**30mm**	**50.6mm**
405 x 483 mm	**30mm**	**51.6mm**
400 x 510 mm	**30mm**	**46.6mm**
410 x 510mm	**30mm**	**56.6mm**

Chapter 5
Troubleshooting

The Troubleshooting describes troubleshooting procedures.

Introduction

Refer to this chapter to resolve any trouble you may face while using your printer. Simple maintenance procedures performed by the user can prevent and resolve trouble. This chapter addresses the subject of troubleshooting in the following two broad categories:

"Troubleshooting" for resolving any mechanical trouble of the printer, and any problem in the printed image.

"When Error Message Appears" for actions to take in response to an error message displayed on your monitor.

Troubleshooting

Power does not come on

Is the power cord disconnected?

- Make sure the power cord is plugged into an outlet as well as connected to the printer. After checking the power cord, push the *power* button to turn on the printer.

Is the printer plugged into an extension block or power strip?

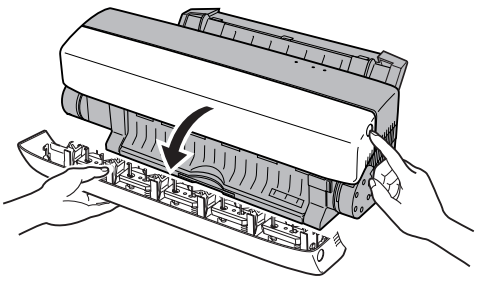
- After turning on the extension block or power strip, press the *power* button on the printer.

Clearing Paper Jams

Follow these steps to clear a paper jam.

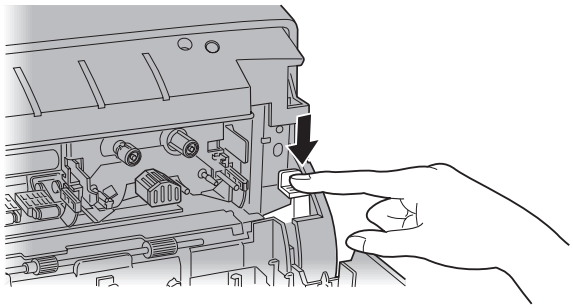
1. **First, press the *power* button to shut off the power.**

2. **Press the front cover release button and gently open the front cover.**



3. Press the release lever and gently pull out the jammed media.

Paper jams can be caused by a dirty platen. Clean the platen following the directions in the “Cleaning the Platen” section of this Appendix.



4. Close the front cover.

5. Press the *power* button to turn on the power.

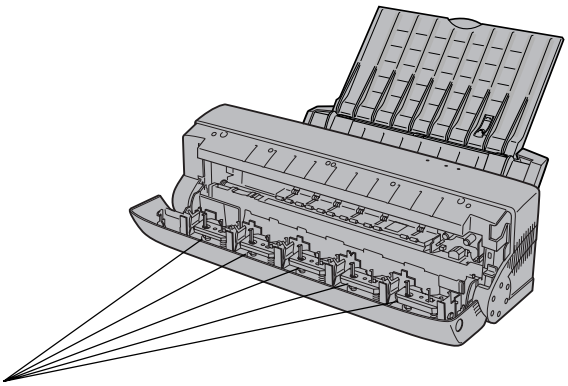
Ink Cartridge Stuck in the Carriage

Remove the ink cartridge as follows, then clean the HP sensor, Marking sticker and Bar code sticker on the ink cartridge. (Refer to the step "HP sensor and Marking sticker cleaning".)

1. **Turn off the printer.**

2. **Open the front cover.**
   Press the front cover release button to open the front cover.

3. **Remove all the ink cartridges from the cartridge holder.**



Remove all the ink cartridges from the five cartridge holders.

4. **Close the front cover.**

5. **Turn on the printer.**
   Upon turning on the printer, the ink cartridge in the carriage will be returned to an ink cartridge holder. When it is properly returned to a holder, the *power* and *ready* lights will be lit.

Caution

When the ink cartridge fails to be returned to a holder, the *error* light will start blinking.

6. **Open the front cover.**
   Press the front cover release button to open the front cover.

7. **Visual confirmation.**
   Visually confirm that the ink cartridge has been returned to a cartridge holder from the carriage.

When the above procedures have turned out to be unsuccessful, follow the steps below to remove the ink cartridge from the carriage.

How to Remove an Ink Cartridge from the Carriage

Follow the steps below to remove an ink cartridge from the carriage.

1. Turn on the printer.

With an ink cartridge in the carriage, the *error* light will start blinking.

2. Open the front cover.

Press the front cover release button and gently lower the front cover while supporting it with a hand.

3. Turn off the printer.

4. Turn on the printer.

5. Press the *ready/insert* button.

Press and hold the *ready/insert* button for about three seconds, and the ink cartridge in the carriage will start to move forward.

6. Remove the ink cartridge.

Still holding down the *ready/insert* button, nudge the ink cartridge toward the left, and carefully remove it from the carriage by pulling it forward.

7. Release the *ready/insert* button.

Once the ink cartridge has been removed, release the *ready/insert* button. Then, in about five seconds, the protruded portion of the carriage will move back to its original position.

8. Close the front cover.

Make sure that the protruded portion of the carriage has been back to its original position, and then gently close the front cover.

Printer makes strange noises

Are the ink cartridges correctly installed?

- If an ink cartridge has become dislodged from the holder, an ink cartridge change error will occur. Open the front cover and reinstall the ink cartridge.

Is there a paper jam?

- Remove the media. If the media is caught in the rollers, open the front cover, push down on the release lever, and gently remove the media.

Are you using the printer on a level surface?

- The printer will not operate correctly on a slanted surface. Place it on a level, stable surface.

Is the printer in a place where it is subject to bumps or vibrations?

- Bumps and vibrations can cause mechanical problems. Place the printer in a place free from vibrations and bumping.

Is the front cover closed properly?

- Make sure that the front cover is closed properly.

Is something sitting on top of the printer?

- The printer may malfunction when there are things stacked on top or pressing it from the side. Do not place anything on top of the printer.

Is the ink cartridge put directly into the carriage?

- The ink cartridges may be put in any holder but DO NOT put ink cartridges directly into the carriage. Doing so may result in damage the printer.

Is there an obstruction in front of the output slot?

- If the output slot is obstructed, media ejected from the printer can fold and bend and cause a malfunction. When printing, make sure that the output slot is unobstructed and that there is room for media to be ejected.

The gears of the feed rollers have been dislodged by a shock.

- Open the front cover, and pull up and push down the release lever a few times.

When the front cover is open, you see the carriage at the left-most position.

- It is likely that the sensor needs cleaning. Refer to the step "HP sensor and Marking sticker cleaning".

Media is not feeding correctly or not ejecting correctly from the sheet feeder

Are you using the supported type of media?

- Using an unsupported type of media can cause a paper jam. Always use the supported type of media.

Are you using media with folded or cut corners?

- This causes problems since the media position sensor and media length sensor do not work properly.

Is there a paper jam?

- Remove the media. If the media is caught in the rollers, open the front cover, push down on the release lever, and gently remove the media.

Is there too much media in the sheet feeder?

- The sheet feeder can hold up to 20 sheets of Kimoplate e^2.
- When the width of 340mm is exceeded, it can hold up to ten sheets.

Is there anything blocking the output slot (such as a large pile of printed sheets)?

- This can cause ejection or feed problems.

Is anything getting in the way on the sheet feeder?

- Turn off the printer. Check the sheet feeder, and remove whatever is in the way.

Caution

- **Make sure to turn off the printer.**

Cleaning the Transport Rollers.

- Read the section “Cleaning the Transport Rollers”, and cleaning the Transport Rollers.

Is the feed guide too narrow for the media?

- The feed guide should hold the media loosely enough that it can feed easily.

Did you fan the media before loading?

- Unfanned media can stick to each other with static electricty, and thus cause more than one sheet to be loaded at one time.

Problems with ink cartridges.

An ink cartridge is stuck in the carriage.

- Read the section “Ink Cartridge Stuck in the Carriage”, and remove the ink cartridge.

When a printing operation is completed, the printer fails to return the ink cartridge to its holder , and the ERROR light starts blinking.

- It is likely that the sensor needs cleaning. Refer to the section "HP sensor and Marking sticker cleaning".

HP sensor and Marking sticker cleaning.

1. Turn off the printer.

Caution

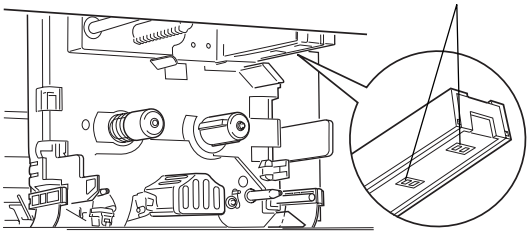
- **Make sure to turn off the printer before cleaning it.**
- **Do not use benzene, thinner, other volatile materials, or water, as they may damage the printer components.**
- **Do not get the inside of the printer wet.**

2. Push the front cover release button and gently lower the front cover.

3. Cleaning the HP sensor (two at the black parts)

Clean the metallic plate around with HP sensor. Wipe the HP sensor with the tissue for except bacterium, then wipe it with a cotton bud.

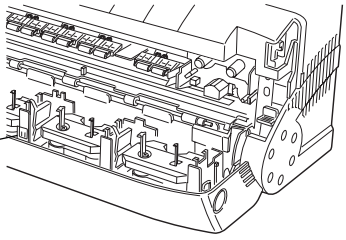
HP sensor (two at the black parts)



4. Cleaning the Marking sticker.

Take care not to let the sticker peel off while cleaning.

Marking sticker(black and silver sticker)



Printing continues even when an ink cartridge has been used up .

- It is likely that the sensor needs cleaning.

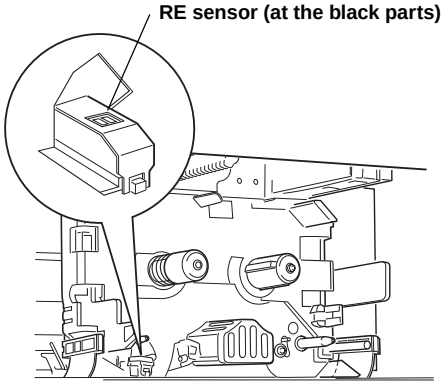
Caution

- **Make sure to turn off the printer before cleaning it.**
- **Do not use benzene, thinner, other volatile materials, or water, as they may damage the printer components.**
- **Do not get the inside of the printer wet.**

1. Turn off the printer.

2. Push the front cover release button and gently lower the front cover.

3. Cleaning the RE sensor (two at the black parts)



Problems with print results.

Printed image has unwanted horizontal lines.

- Read the section "Cleaning the Printer Head", and cleaning the print head.

Printed image has unwanted vertical lines.

- Read the section "Cleaning the Platen", and cleaning the platen.

Printing is light, distorted, or has gaps

Has one of ribbons separated from the head?

- Stop the printing and reinstall all the ink cartridges. Take up any slack in the ribbons. If a particular ink cartridge repeatedly causes problems, try a different ink cartridge.

Are you printing on the wrong side of the Kimoplate e²?

- The printing side has the matt surface.

Troubleshooting for Windows

When problems occur during operation of the printer, please check the following troubleshooting tips before concluding that the printer is broken.

- **Printer cannot be installed./Printing is not performed properly, even after the printer installation .....**
- **Computer and printer cable may or may not support bidirectional communication .....**
- **Printer does not print or stops while printing .....**
- **Printing is not working or is extremely slow .....**
- **Connection Method .....**
- **Other problems and operations .....**

Printer cannot be installed./Printing is not performed properly, even after the printer installation

Are you using the USB interface connection?

Make sure that the printer port is set to USBxxx (xxx is a USB port ID). Take a look at the list of “Print to the folling port” to see if USBxxx is in it. If not, perform the following steps.

In the case of Windows 2000

1 From the Start menu, choose Settings, and then Control Panel to open the Control Panel. Click the System icon.

2 Click the Device Manager tab. Click “Other devices”, and then click the Remove button.

3 Make sure that your printer and computer are connected with a USB cable. Make sure also the printer is on, and then click the Refresh button.

4 When the Add New Hardware Wizard dialog appears, reinstall the USB class driver.

In the case of Windows XP

1 From the Start menu, choose Control Panel, and then Performance and Maintenance. Click the System icon.

2 Click the Hardware tab, and click Device Manager button.

3 From the View menu, choose Show hidden devices, and then select “KIMOTO KMT410” under Printers. Make sure that your printer and computer are connected with a USB cable. Make sure also the printer is on, click Scan for hardware from the Action menu.

4 When the Hardware Update Wizard dialog appears, reinstall the USB class driver.

Printer does not print or stops while printing

Is the printer turned on?

- Before printing make sure the printer is turned on.

Is the *ready* light off?

- Press the *ready / insert* button and make sure that the *ready* light comes on.

Are the settings in the application correct?

- Recheck the printer settings in the application.

Is the cable disconnected?

- When one of the followings occurs, it is possible that the cable is broken or disconnected.

  1) The gauge in the Print dialog box does not progress.

  2) The “Out of Media” message appears repeatedly.

  Replace the cable with a new one.

Is your cable too long?

- Do not use a cable that is longer than you need. The signals become more unstable as the cable gets longer.

Are you using the wrong ink cartridges?

- Use the correct ink cartridges. Do not use ink cartridges from other manufacturers.

Are the ink cartridges correctly installed?

- Insert ink cartridges in the holders with the B side facing up.

Do you have enough hard disk space?

- The Kimosetter 410 requires work space on the hard disk (25MB or more) when it prints. Keep enough space open on the disk for the printer to operate. (After printing, the work space is released.)

Does the hard disk have areas where reading or writing are unreliable?

- If there are areas on the hard disk where reading or writing are unreliable, sometimes a printing error will occur and printing will stop. Periodically use a utility like SCANDISK that comes with Windows to prevent these problems.

Check the printer cable for any trouble.

- When you are using a bi-directional printer cable, and having one of the following problems, it is likely that something is wrong with the cable itself or the cable connection.

  1) The progress bar in the Print dialog box does not show any progress in printing.
  2) One of the following error messages appears: “The printer is not responding”.
  3) The “Out of media” message appears, even though media is loaded.

  Change the settings for the one-way interfacing to see if the printing can be performed with the same printer cable. If it can, you will know that the printer cable has a break or a bad connection, and needs to be replaced.

Check the "Name" of "Change Setup" if "Kimosetter 410_1" or not.

- If the "Name" is "Kimosetter 410_1", proceed with the initialization as follows.

Note

To exit from the RIP, click the right button on the "Kimosetter 410 RIP" icon of the task tray. The popup menu is displayed, select "Exit".

1) Select Start>Printers and Faxes(Windows2000: Setting)>Printers on the task bar and open the printer folder. Delete the all of the printer icon(Printer name with the "RIP") which was installed.
2) Select Start>All Program(Windows2000:Program)>Kimosetter410 RIP 1.0>Clear Preferences on the task bar and launch. The dialog "Would you like to clear your preferences ?" is displayed, click Yes button.
3) The dialog is closed and complete the "Clear Preferences". Restart the RIP program.
4) When the RIP is started, the dialog "Device Setup" is displayed. Refer to the "Setup Printer" and the "Before using the Kimosetter" in the chapter 2 and launch.

Note

Device Setup clear the JOB file, which is spooled in the printer monitor, and the custom media size, which is set in the General Tab. The Offset Adjustment is kept its value.

Printing is not working or is extremely slow

Do you have enough disk space?

- Make sure there is enough space on your hard disk. (The working space is released once printing is finished.)

Are you using many applications at one time?

- When very little memory is available for print processing, printing may take a long time or fail. Close as many applications as possible and try again.

Do you have enough memory?

- Handling color images requires a lot of memory for the application and for the data. Sometimes there is insufficient memory left for printing. Make sure your computer has enough memory to print the size of images you are using.

General protection fault errors occur.

- These errors can occur when there is insufficient memory for color printing or when part of the hard disk has become corrupted. After decreasing the size of the print data or scanning the hard disk, try printing again.

Is the free space on the hard disk fragmented?

- The time required for printing can increase dramatically if the free space on the disk drive is extremely fragmented. Clean up your files and defragment the disk by periodically running a utility like DEFRAG that comes with Windows.

Is the room temperature very high?

- High room temperature can slow down the printing speed.

Troubleshooting for Macintosh

When problems occur during printer operation, please check the following troubleshooting tips before concluding that the printer is broken.

- **During installation a "File not found" error occurs or the installer is not found .....**
- **The icon does not appear in the Chooser .....**
- **The printer cannot be selected in the Chooser .....**
- **Printer does not print or stops while printing .....**
- **Printing is not working or is extremely slow .....**
- **Connection Method .....**
- **Other problems and operations .....**

During installation a "File not found" error occurs or the installer is not found

Is At Ease installed?

- If you are using At Ease when you place the Installation Disc in the CD-ROM drive, the following things may happen. (Some of the Performa series start up in At Ease.)
  - **The alert dialog box appears.**
  - **The installer is not displayed.**

  In these cases the following methods can be used to install the printer driver:

  Method 1
  From the Special menu, select Switch To Finder. Double-click on the installer icon to install the printer driver.

  Method 2
  If the Switch To Finder function is not available on the Special menu, select Switch To At Ease and check the Off checkbox in At Ease settings. Restart your computer and install the printer driver.

The icon does not appear in the Chooser

Is the Adobe PS printer driver installed?

- Install the Adobe PS printer driver from the Installation Disc (CD-ROM).

Is the cable too long?

- Do not use a cable that is longer than you need. The signals become more unstable as the cable gets longer.

Is the printer turned on?

- Make sure the printer is turned on before using the Chooser to select the printer.

Are you using a USB hub?

- If you are using a USB hub, make sure that the power to the hub is on.

Printer does not print or stops while printing

Is the printer turned on?

- Before printing, make sure the printer is turned on.

Is the front cover closed correctly?

- Make sure that the front cover is closed correctly.

Is the *ready* light off?

- Press the *ready* / *insert* button and make sure that the *ready* light comes on.

Are you using the wrong ink cartridges?

- Use the correct ink cartridges. Do not use ink cartridges from other manufacturers.

Are the ink cartridges correctly installed?

- Insert ink cartridges in the holders with the B side facing up.

Is there a paper jam?

- Remove the media. If the media is caught in the rollers, open the front cover, push down on the release lever, and gently remove the media. Make sure there are no pieces of media left in the printer.

Are the settings in the application correct?

- Recheck the printer settings in the application.

Has the printer been selected using the Chooser?

- From the Apple menu, select the Chooser and make sure the printer and device number appear correctly. Click on the printer name and SCSI#. (The printer may not be selected correctly if you do not click on the printer name.)

Do you have enough hard drive space?

- The Kimoseter 340 requires work space on the hard disk (10MB or more) when it prints. Keep enough space open on the disk for the printer to operate. (After printing, the work space is released.)

Does the hard disk have areas where reading or writing are unreliable?

- If there are areas on the hard disk where reading or writing are unreliable, sometimes a printing error will occur and printing will stop. Periodically use the Disk First Aid utility that comes with your system software (or other commercial disk checking utility) to prevent these problems.

Printing is not working or is extremely slow

Is the free space on the hard disk fragmented?

- The time required for printing can increase dramatically if the free space on the disk is extremely fragmented. Clean up your files and defragment the disk by periodically using a defragment utility.

Do you have enough disk space?

- Make sure there is enough empty space on your hard disk. (The working space is released once printing is finished.)

  When there is just barely enough working space left on the disk, printing may take much longer than normal.

Are you using many applications at one time?

- When very little memory is available for print processing, printing may take a long time or fail. Close as many applications as possible and try again.

Is the room temperature very high?

- High room temperature can slow down the printing speed.

Connection Method

Can I connect a single printer to multiple computers?

- No, the printer is not designed for this.

Other problems and operations

Are enlargements and reductions possible?

- Set either the enlargement or the reduction rate in the Reduce or Enlarge setting in the Page Setup dialog box.

The image is not printed properly in the horizontal direction on the media of a manually specified size.

- The image is not printed properly on the media whose width is equal to the height; e.g., W100 x H100.

When Error Message Appears

The printer's printing operations are designed for the bi-directional communication with the computer. When the printer driver installed in your computer detects trouble in your printer, an error message will appear on your display monitor. This section lists some of the commonly encountered error messages, and the resolution method for each problem.

Caution

Please note that not all the error messages are displayed by the printer driver.

Error Message Appears

Check the following points.

Caution

Make sure to turn off the printer.

1. Turn off the printer and open the front cover.

2. Make sure that all the packing materials (one for the carriage, and two for the exterior) have been removed.

If any materials have not been removed, remove all of them by referring to "Getting Your Printer Ready" in Chapter 1.

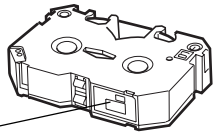
3. Check the power cord connection.

Make sure that the power cord is securely plugged into the power cord socket on the printer.

When none of the Steps 1 - 3 above seems wrong, proceed to check if the sensors are clean.

1. **Cleaning the sensor.**
   Refer to the step "HP sensor and Marking sticker cleaning".

2. **Cleaning the bar code sticker on the ink cartridges.**
   Take care not to let the sticker peel off while cleaning.



Bar code sticker(black and silver sticker)

Check the following points.

1. **Turn off the printer, and turn off the power cord.**
2. **Remove any media from the sheet feeder.**
3. **Plug the power cord again, and turn on the printer.**

Windows:
This print job cannot be completed. Because the printer has encountered an error of EEPROM.

Macintosh:
The Kimosetter 410 has experienced a firmware PROM error. Please correct this condition, or click Cancel to terminate printing.

Check the following points. Refer to the step "HP sensor and Marking sticker cleaning".

1. **Turn off the printer, and turn off the power cord.**
2. **Plug the power cord again, and turn on the printer.**
3. **Restart the computer.**

Windows:
This print job cannot be completed.
Because the printer has encountered an error of CR Motor.

Macintosh:
The Kimosetter 410 has encountered an error with its CR motor. Please correct this condition, or click Cancel to terminate printing.

Check the following points.

Proceed to check if the sensors are clean. Refer to the step "HP sensor and Marking sticker cleaning".

Windows:
This print job cannot be completed.
Because the printer has encountered an error of Media Feed Motor.

Macintosh:
The Kimosetter 410 has encountered an error with its media feed motor. Please correct this condition, or click Cancel to terminate printing.

Check the following points.

1. Make sure that the media is not creased or wrinkled, and that the proper type of media is in use.

Always use the Kimoplate e² media.

2 Check the feed guide.

Make sure that there is a small gap between the feed guide and the media, in such a way that the media can be removed from the sheet feeder without any resistance.

3 Check the inside of the sheet feeder.

Turn off the printer, and check the inside of the sheet feeder for any foreign object.

Caution

Make sure to turn off the printer before reaching into the sheet feeder. Failure to do so can cause mechanical trouble or injury.

4 Clean the transport rollers.

Clean the transport rollers by referring to “Cleaning the Transport Rollers” in Chapter 4.

Windows:
Printer has the media miss feed.

Macinè'sh:
The Kimosetter 410 has a paper jam in the XXXXXXX. Please correct this condition, or click Cancel to terminate printing.

Check the following points.

1. **Make sure that the media is not creased or wrinkled, and that the proper type of media is in use.**

   Always use the Kimoplate e² media.

2 **Check the inside of the sheet feeder.**

   Turn off the printer, and check the inside of the sheet feeder for any foreign object.

   Caution

   Make sure to turn off the printer before reaching into the sheet feeder. Failure to do so can cause mechanical trouble or injury.

3 **Clean the transport rollers.**

   Clean the transport rollers by referring to “Cleaning the Transport Rollers” in Chapter 4.

Windows:
This print job cannot be completed. Because the printer has encountered an error of Thermostat.

Macintosh:
The Kimosetter 410 has a thermostat controller error. Please correct this condition, or click Cancel to terminate printing.

Check the following points.

1. **Turn off the printer, and open the front cover to let it cool down.**

Windows:
Printer has the paper jam.

Macintosh:
The Kimosetter 410 has a paper jam in the XXXXXXX. Please correct this condition, or click Cancel to terminate printing

Check the following points.

1. **Remove any media from the printer.**
   Remove any media from the printer by referring to “Cleaning Paper Jams”.

Windows:
This print job cannot be completed because the ribbon of ink cartridge xxxx Holder ‘x’ was broken. Replace the ink cartridge.

Macintosh:
The Kimosetter 410 has a broken ribbon, cartridge XXXXX holder XX. Please correct this condition, or click Cancel to terminate printing

Check the following points.

1. **Checking ink cartridges for any slack.**
   Check each installed cartridge for any slack. Take up all the slack by removing the cartridge from the holder.

2. **Check the tightness of the reel of the ink cartridge.**
   As you see the side marked “B” (or the printed side) of the ink cartridge, insert something like a pencil into the hole on the right. Turn the inserted object clockwise to see if you can reel the ribbon. If not, replace the ink cartridge with a new one.

Windows:
The Ink Cartridge is unsuitable or missing. Install xxxx.

Macintosh:
The Kimosetter 410 is missing the ink cartridge (XXXXXXXXXXX) for printing. Please correct this condition, or click Cancel to terminate printing.

Check the following points.

1. **Make sure that the named ink cartridge is properly set on the ink cartridge holder.**

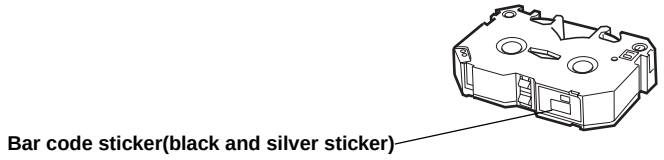
   If it is set in place and the message still appears, it is likely that the sensor needs cleaning.

2. **Cleaning the sensor.**

   Refer to the step "HP sensor and Marking sticker cleaning".

3. **Cleaning the bar code sticker on the ink cartridges.**

   Take care not to let the sticker peel off while cleaning.



Windows:
The printer is offline.

Macintosh:
The Kimosetter 410 is offline. Please correct this condition, or click Cancel to terminate printing."

Check the following points.

1. **Check the power cord connection.**

   Make sure that the power cord is securely plugged into the power cord socket on the printer.

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